## Via eTariff

The Honorable Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

## Re: Potomac-Appalachian Transmission Highline, LLC and PJM Interconnection, L.L.C., Docket Nos. ER09-1256and ER12-2708-010 (Consolidated)

## Filing of Offer of Settlement and Motion for Expedited Comment Period and Commission Order

Dear Secretary Bose:
Pursuant to Rule 602 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission ("FERC" or the "Commission"), ${ }^{1}$ Potomac-Appalachian Transmission Highline, LLC and its operating companies PATH Allegheny Transmission Company, LLC and PATH West Virginia Transmission Company, LLC (collectively, the "PATH Companies"), on behalf of themselves and Keryn Newman and Alison Haverty (together, the "Pro Se Parties"), Delaware Division of the Public Advocate, Maryland Office of People's Counsel, and New Jersey Division of Rate Counsel (collectively, the "Joint Consumer Advocates" and, together with the PATH Companies and the Pro Se Parties, the "Settling Parties") hereby file an Offer of Settlement that includes a Settlement Agreement and other documents as described below. ${ }^{2}$

As explained therein, the Settlement Agreement is supported by the Settling Parties, is otherwise unopposed, and resolves all issues in the above-referenced dockets, including all related sub-dockets thereof. The Settlement Agreement provides a process for the cancellation of the PATH Companies' formula transmission rate and will facilitate the final wind-down and termination of the PATH Companies. The Settlement Agreement is fair, reasonable, and in the public interest, and the Settling Parties respectfully request that the Commission approve it without condition or modification. Moreover, the undersigned respectfully move for an expedited comment period and Commission order date regarding the Settlement Agreement.

[^0]The Honorable Kimberly D. Bose
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## I. Contents of Submission

In accordance with Rule 602, this Offer of Settlement filing includes the following documents:

- This transmittal letter;
- An Explanatory Statement;
- The Settlement Agreement, including two appendices thereto:
- Appendix A, which contains actual (i.e., "real" or "live") tariff records to implement the provisions of the Settlement Agreement that reference that Appendix A; ${ }^{3}$
- Appendix B, which contains a red-lined document that shows the tariff revisions that result in the text of the actual tariff records contained in Appendix A); ${ }^{4}$ and
- A certificate of service.


## II. Service of Filing

Pursuant to Rule 602(d), ${ }^{5}$ the PATH Companies certify that they are serving a complete copy of this Offer of Settlement filing on all required parties.

PJM has served a copy of this filing on all PJM Members and on all state utility regulatory commissions in the PJM Region by posting this filing electronically. In accordance with the Commission's regulations, ${ }^{6}$ PJM will post a copy of this filing to the FERC filings section of its internet site, located at the following link: https://pjm.com/library/filing-order.aspx with a specific link to the newly filed document, and will send an e-mail on the same date as this filing to all PJM Members and all state utility regulatory commissions in the PJM Region ${ }^{7}$ alerting them that this filing has been made by PJM and is available by following such link. If the document is not immediately available by using the referenced link, the document will be available through the referenced link within 24 hours of the filing. Also, a copy of this filing will be available on the Commission's eLibrary website located at the following link: http://www.ferc.gov/docs-filing/elibrary.asp in accordance with the Commission's regulations and Order No. 714.

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## III. Motion for Expedited Comment Period and Commission Order

Under Rule 602(f)(2), ${ }^{8}$ comments on an offer of settlement may be filed not later than 20 days after the filing of the offer of settlement and reply comments may be filed not later than 30 days after the filing of the offer of settlement "unless otherwise provided by the Commission or the presiding officer."

Pursuant to Rule $212,{ }^{9}$ the undersigned respectfully request that the Commission grant an expedited comment period regarding the Settlement Agreement - specifically, that the Commission make initial comments on the Settlement Agreement due on December 1, 2023 and make reply comments due on December 8, 2023. The undersigned further respectfully request that if no party files initial comments in opposition to the Settlement, that the Commission waive the reply comment period. Finally, the undersigned respectfully request that the Commission issue an order accepting the Settlement Agreement without condition or modification by December 26, 2023.

The Settlement Agreement is unopposed, and granting the requested dates will better facilitate timely Commission consideration of, and the issuance of refunds pursuant to Commission approval of, the Settlement Agreement, and will limit any additional costs that would be incurred absent such expedited action. Furthermore, similarly expedited periods have been granted for other offers of settlement filed pursuant to Rule 602. ${ }^{10}$ Therefore, good cause exists to grant the requested comment and Commission order dates.

[^2]The Honorable Kimberly D. Bose
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Thank you for your assistance in this matter. Please contact the undersigned with any questions.

Respectfully submitted,<br>/s/P. Nikhil Rao<br>P. Nikhil Rao<br>FirstEnergy Service Company<br>76 South Main St.<br>Akron, OH 44308<br>pnrao@firstenergycorp.com<br>/s/ Hector Garcia-Santana<br>Hector Garcia-Santana<br>American Electric Power Service Corporation<br>1 Riverside Plaza<br>Columbus, OH 43215<br>hgarcia1@aep.com<br>Counsel for the PATH Companies

# UNITED STATES OF AMERICA <br> BEFORE THE <br> FEDERAL ENERGY REGULATORY COMMISSION 

Potomac-Appalachian Transmission )
Highline, LLC PJM Interconnection, L.L.C. )

## EXPLANATORY STATEMENT

Pursuant to Rule 602 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission ("Commission" or "FERC"), ${ }^{1}$ Potomac-Appalachian Transmission Highline, LLC ("PATH") and its operating companies PATH Allegheny Transmission Company, LLC ("PATH-AYE") and PATH West Virginia Transmission Company, LLC ("PATH-WV") (collectively, the "PATH Companies"), Keryn Newman and Alison Haverty (together, the "Pro Se Parties"), Delaware Division of the Public Advocate, Maryland Office of People's Counsel, and New Jersey Division of Rate Counsel (collectively, the "Joint Consumer Advocates," and, together with the PATH Companies and the Pro Se Parties, the "Settling Parties," and each a "Settling Party") ${ }^{2}$ submit this Explanatory Statement as part of their filing of a Settlement Agreement ("Settlement Agreement") to resolve all issues in Docket Nos. ER09-1256 and ER122708, including all related sub-dockets thereof. The Settlement Agreement provides a

[^3]process for the cancellation of the PATH Companies' formula transmission rate and will facilitate the final wind-down and termination of the PATH Companies.

This Explanatory Statement is provided solely to comply with Rule 602(c)(1)(ii), 18 C.F.R. § 385.602(c)(1)(ii). The Explanatory Statement is not intended to, and does not, alter any of the provisions of the Settlement Agreement. In the event of an inconsistency between the Explanatory Statement and the Settlement Agreement, the Settlement Agreement shall control.

## I. Background

The PATH Companies initiated the development of the Potomac-Appalachian Transmission Highline transmission project (the "PATH Project") in accordance with the PJM Interconnection, L.L.C. ("PJM") Regional Transmission Expansion Plan for 2007. As reconfigured in 2008, the PATH Project was to be a 275 -mile, 765 kV line from Amos Substation in West Virginia through Virginia to the new Kemptown Substation in Maryland.

Cost recovery for the PATH Project was developed in Commission proceedings in Docket No. ER08-386. In 2009, pursuant to protocols (the "Protocols") contained in Attachment H-19 of the PJM Open Access Transmission Tariff ("Tariff") regarding the PATH Companies' Commission-approved formula rate also contained in that Attachment H-19 (the "PATH Formula Rate"), the PATH Companies began filing annual updates related to its rates in Docket No. ER09-1256. Some of these annual updates were objected to, using the formal challenge procedure under the Protocols. In 2012, the Commission granted in part and dismissed in part formal challenges regarding the 2010
and 2011 annual updates and set them for hearing and settlement judge procedures. Potomac-Appalachian Transmission Highline, LLC, 140 FERC II 61,229 (2012).

Also in 2012, prior to the commencement of construction, PJM directed the termination of the PATH Project. The PATH Companies then filed proposed revisions to the PATH Formula Rate in Docket No. ER12-2708 to allow for recovery of prudently incurred abandoned plant costs associated with the PATH Project, which the Commission accepted in part and rejected in part and set for hearing and settlement judge procedures. Potomac-Appalachian Transmission Highline, LLC, 141 FERC II 61,177 (2012). After the 2012 annual update was formally challenged, the Commission set it for hearing and settlement judge procedures and consolidated Docket Nos. ER09-1256 and ER12-2708. Potomac-Appalachian Transmission Highline, LLC, 143 FERC II 61,208 (2013).

On April 6, 2015, the PATH Companies and Commission Trial Staff filed a stipulation agreement in the consolidated proceedings to resolve certain identified issues (the "Stipulation Agreement"). Later in 2015, the Presiding Administrative Law Judge issued an initial decision on remaining issues raised in the consolidated proceedings. Potomac-Appalachian Transmission Highline, LLC, 152 FERC §I 63,025 (2015) (the "Initial Decision").

In 2017, after parties filed briefs on exception to the Initial Decision, the Commission issued an order that affirmed in part and reversed in part the determinations of the Initial Decision on certain PATH-related issues, disallowed abandoned plant recovery of certain expenditures related to advocacy and advertising (collectively, the "Advocacy and Advertising Expenditures") through the PATH Formula Rate, and established a Return on Equity ("ROE") for the PATH Project of $8.11 \%$ effective January

19, 2017 (the date the order was issued). Potomac-Appalachian Transmission Highline, $L L C$, Opinion No. 554, 158 FERC 9 61,050 (2017) ("Opinion No. 554"). The PATH Companies refunded the Advocacy and Advertising Expenditures during rate years 2018 and 2020. The PATH Companies filed a request for rehearing on ROE issues addressed in Opinion No. 554; the request for rehearing on certain of the ROE issues remains pending before the Commission.

In 2018, the PATH Companies filed petitions for declaratory orders in Docket Nos. EL18-186 and EL18-187 seeking Commission determinations that certain distributions of paid-in capital will not violate section 305(a) of the Federal Power Act (together, the "PDOs"). The Commission has not yet acted on the PDOs.

In 2020, on rehearing from Opinion No. 554, the Commission reversed itself on the issue of the Advocacy and Advertising Expenditures and permitted the PATH Companies to recover them through the PATH Formula Rate. Accordingly, in 2021, the PATH Companies reversed (i.e., re-collected through charges in rates) the Advocacy and Advertising Expenditures refunds made in 2018 and 2020. Regarding the ROE for the PATH Project, the Commission established a paper hearing and directed the parties to submit briefs regarding the Commission's current ROE methodology and how that methodology would apply to the PATH case. Potomac-Appalachian Transmission Highline, LLC, Opinion No. 554-A, 170 FERC $9[61,050$ (2020) ("Opinion No. 554-A"). Later in 2020, the Commission issued an order on rehearing that modified the discussion in Opinion No. 554-A and continued to reach the same result. Potomac-Appalachian Transmission Highline, LLC, Opinion No. 554-B, 172 FERC II 61,048 (2020) ("Opinion

No. 554-B"). The Commission has not yet issued an order on the paper hearing regarding the ROE for the PATH Project.

Following the submittal of a petition for review of Opinion Nos. 554-A and 554-B on the issue of the Advocacy and Advertising Expenditures, the United States Court of Appeals for the District of Columbia Circuit issued an opinion disallowing their inclusion in the PATH Formula Rate and remanding the case to the Commission for further proceedings consistent with the opinion. Newman v. FERC, 27 F.4th 690 (D.C. Cir. 2022) (the "D.C. Circuit Opinion"). The Commission has not yet issued an order on remand.

## II. Summary of Settlement Agreement

The introduction to the Settlement Agreement states that the Settling Parties (defined as the same parties listed above that are submitting this Explanatory Statement) have entered into the Settlement Agreement to resolve all issues in Docket Nos. ER091256 and ER12-2708, including all related sub-dockets thereof, and to provide a process for the cancellation of the PATH Formula Rate. The Settlement Agreement goes on to state that it will facilitate the final wind-down and termination of the PATH Companies.

Article I of the Settlement Agreement specifies how definitions are used in the Settlement Agreement.

Article II of the Settlement Agreement specifies that PATH's currently effective ROE of $8.11 \%$, which became effective January 19, 2017 pursuant to Commission directives in Opinion No. 554, will remain unchanged at $8.11 \%$ through the remainder of the period that the PATH Formula Rate is in effect. ${ }^{3}$ Pursuant to Article II, this

[^4]resolution will resolve all outstanding ROE issues relating to the PATH Companies, including the briefing process established pursuant to Opinion No. 554-A. ${ }^{4}$ Further, Article II states that not later than 30 days after the Effective Date of the Settlement Agreement (defined in Section 8.1 of the Settlement Agreement), the PATH Companies will withdraw the request for rehearing on ROE issues that they filed on February 21, 2017 in Docket Nos. ER09-1256 and ER12-2708.

Article III of the Settlement Agreement states that the PATH Companies will reverse previous charges corresponding to the amounts disallowed in the D.C. Circuit Opinion, and will reflect these refunds, including interest on such amounts at the Commission’s rate set forth in 18 C.F.R. § 35.19a ("Interest"), in the Final Close-Out Amount set forth in Section 4.2 of the Settlement Agreement. ${ }^{5}$ Under Article III, the Settling Parties also agree that the PATH Companies are abiding by the Stipulation Agreement, which provided that PATH-WV included a debt rate adjustment (from 6.64\% to $4.70 \%$ ), with interest, in its 2016 Actual Transmission Revenue Requirement ("ATRR") True-up Adjustment calculation, and PATH-AYE reflected the stipulated 4.70\% debt rate (reduced from 6.76\%), with interest, in its revenue requirement calculations through the True-up Adjustment calculation performed pursuant to Opinion No. $554 .{ }^{6}$

Article IV of the Settlement Agreement states that, subject to Section 4.3 of the Settlement Agreement, the Settling Parties agree that the PATH Formula Rate will be replaced with a final lump sum refund amount (the "Final Close-Out Amount") as set

[^5]forth in Article IV. The Final Close-Out Amount reflects the implementation of the provisions of Articles II and III of the Settlement Agreement and any other debits or credits necessary to terminate the PATH Formula Rate and wind down the PATH Companies' operations. ${ }^{7}$ Article IV specifies that the Final Close-Out Amount is $(\$ 9,511,221)$ (i.e., a refund) and sets forth, on a line-item-by-line-item basis, how it was calculated. ${ }^{8}$

Article IV goes on to state that, after a Final Order approving the Settlement Agreement is received, in accordance with Article VIII of the Settlement Agreement, the PATH Companies will adjust the Final Close-Out Amount to reflect any amounts collected pursuant to the PATH Formula Rate during 2024, as based on the PATH Projected Transmission Revenue Requirement ("PTRR") for 2024, as well as Interest from December 31, 2023 through the date the Final Close-Out Amount is refunded to PATH Formula Rate customers pursuant to Section 4.4 of the Settlement Agreement. ${ }^{9}$ Article IV states that not later than 30 days after the Effective Date of the Settlement Agreement as defined in Section 8.1 thereto, the PATH Companies shall direct PJM to refund the Final Close-Out Amount to PATH Formula Rate customers, and the Final Close-Out Amount will be included in a refund report that will be filed on an informational basis with the Commission not later than 60 days after the Final Close-Out Amount is refunded to PATH Formula Rate customers. ${ }^{10}$ Article IV specifies that the Final Close-Out Amount shall represent the final disposition of any and all issues relating

[^6]to the PATH Formula Rate, for all PTRRs, ATRRs, and True-up Adjustments associated with both the current and all prior Rate Years. Other than pursuant to the Settlement Agreement, no Settling Party or other entity shall have any further rights to review, challenge, or otherwise contest any matters relating to the PATH Formula Rate, for any Rate Year, including the inputs thereto. ${ }^{11}$

Article V of the Settlement Agreement states that, as of the Effective Date of the Settlement Agreement as specified in Section 8.1 thereto, the tariff records included as Appendix A to the Settlement Agreement shall replace and supersede the tariff records constituting Attachment H-19 (including Attachments $\mathrm{H}-19 \mathrm{~A}$ and $\mathrm{H}-19 \mathrm{~B}$ ) of the PJM Tariff then in effect. ${ }^{12}$ (Attached to the Settlement Agreement as Appendix B are Attachments H-19, H-19A and H-19B in redline form.) Not later than 30 days after the date that the Final Close-Out Amount is refunded to PATH Formula Rate customers, the PATH Companies shall submit a notice of cancellation of Attachment H-19 of the PJM Tariff. The Settling Parties shall not oppose or protest that notice of cancellation. ${ }^{13}$

Article VI of the Settlement Agreement provides that any disposition of paid-in capital by the PATH Companies, pursuant to the PDOs or otherwise, will not reduce or otherwise affect the Final Close-Out Amount specified in Article IV of the Settlement Agreement. ${ }^{14}$ The Settling Parties commit not to oppose, protest, contest, or otherwise

[^7]object to any filings or other actions taken by the PATH Companies to dispose of paid-in capital, including withdrawal of the pending PDOs. ${ }^{15}$

Article VII of the Settlement Agreement states that the Settlement Agreement will fully and finally resolve all claims and outstanding matters and issues with respect to all the PATH Companies' abandoned plant and formula rate proceedings, including Docket Nos. ER09-1256, ER12-2708 and all sub-dockets thereto. ${ }^{16}$

Article VIII of the Settlement Agreement specifies that the Settlement Agreement will become effective as of the date that the Commission issues a Final Order approving the Settlement Agreement without condition or modification (the "Effective Date"). For purposes of the Settlement Agreement, an order will be considered a "Final Order" as of the date it is issued by the Commission if no comments were filed in opposition to the Settlement Agreement, or, if comments in opposition were filed, as of the date that rehearing is denied by the Commission by order or by operation of law, or, if rehearing was not sought, as of the date on which the right to seek Commission rehearing expires. ${ }^{17}$

Article VIII also states that if the Commission rejects the Settlement Agreement or any portion thereof, the Settlement Agreement shall be deemed null and void and of no force and effect. If the Commission accepts or approves the Settlement Agreement subject to conditions or modifications, then the Settlement Agreement shall not become effective, and it shall in that event be deemed null and void and of no force and effect unless each of the Settling Parties notifies all of the other Settling Parties and the Commission in writing within fifteen (15) days after such Commission order that it
$15 \quad I d$. , Section 6.2.
$16 \quad$ Id., Section 7.1.
17 Id., Section 8.1.
accepts such condition(s) or modification(s) and the order becomes a Final Order. The Settlement Agreement also sets forth procedures under which the Settling Parties will confer and negotiate in good faith to attempt to address any such Commission rejection of the Settlement Agreement or Commission acceptance or approval of the Settlement Agreement subject to conditions or modifications. ${ }^{18}$ Upon issuance of a Final Order (including a Final Order subject to one or more conditions or modifications that all of the Settling Parties subsequently state is acceptable to them pursuant to Section 8.2 thereto), the PATH Companies will undertake to complete general steps associated with corporate dissolution of the PATH Companies. ${ }^{19}$

Article IX of the Settlement Agreement contains standard provisions regarding non-severability, absence of admission and non-establishment of precedent, reservation of rights, privileged and confidential settlement discussions, support by the Settling Parties for the Settlement Agreement, standard of review, headings and captions, the binding effect of the Settlement Agreement, the Settlement Agreement's controlling in the event of an inconsistency with this Explanatory Statement, absence of third-party beneficiaries, authorization to execute the Settlement Agreement, execution in counterparts, and incorporation by reference of Appendix A and Appendix B into the Settlement Agreement.

[^8]The sequence of actions under the Settlement Agreement provisions described above is summarized in the following table:

| Section | Date | Action |
| :--- | :--- | :--- |
| 5.1 | Effective Date | New Attachment H-19 tariff records <br> will replace and supersede legacy <br> Attachment H-19 tariff records |
| 4.3 | After Effective Date | PATH Companies to adjust if <br> necessary the Final Close-Out Amount <br> to update Interest and to adjust to <br> account for amounts collected during <br> 2024, if any. |
| 4.4 | Not later than 30 days after Effective <br> Date | PATH Companies will direct PJM to <br> refund the Final Close-Out Amount |
| 2.3 | Not later than 30 days after Effective <br> Date | PATH Companies will withdraw <br> request for rehearing on ROE |
| 5.2 | Not later than 30 days after Final <br> Close-Out Amount is refunded to <br> customers | PATH Companies shall submit a <br> notice of cancellation of new <br> Attachment H-19 tariff records |
| 4.5 | Not later than 60 days after Final <br> Close-Out Amount is refunded to <br> customers | PATH Companies will file a refund <br> report on an informational basis with <br> Commission |
| 8.3 | After the PATH Companies file the <br> refund report | PATH Companies will undertake to <br> complete general steps associated with <br> corporate dissolution of the PATH <br> Companies |

## III. Responses to Required Questions

By notice of the Chief Administrative Law Judge dated December 15, 2016, all parties submitting settlements under Section 602 of the Commission's Rules of Practice and Procedure must address four questions in their explanatory statements. ${ }^{20}$ The questions and specific responses applicable to the Settlement Agreement are as follows:

[^9]
## A. Does the settlement affect other pending cases?

Article VI of the Settlement Agreement includes provisions regarding the
disposition of paid-in capital amounts. The disposition of those amounts are at issue before the Commission in Docket Nos. EL18-186 and EL18-187.
B. Does the settlement involve issues of first impression?

The Settlement Agreement does not involve issues of first impression.
C. Does the settlement depart from Commission precedent?

The Settlement Agreement does not depart from Commission precedent.
D. Does the settlement seek to impose a standard of review other than the ordinary just and reasonable standard with respect to any changes to the settlement that might be sought by either a third party or the Commission acting sua sponte?

No. Section 9.6 of the Settlement Agreement provides that the standard of review for any changes proposed by a non-Settling Party, or the Commission acting sua sponte, will be the just and reasonable standard of review.

## IV. Conclusion

The Settlement Agreement resolves all issues in Docket Nos. ER09-1256 and
ER12-2708, including all related sub-dockets thereof. The Settlement Agreement provides a process for the cancellation of the PATH Companies' formula transmission rate and will facilitate the final wind-down and termination of the PATH Companies. For the reasons explained in the Settlement Agreement and in this Explanatory Statement, the Settlement Agreement is fair, reasonable, and in the public interest, and the Settling Parties respectfully request that the Commission approve it without condition or modification.

Respectfully submitted,
/s/P. Nikhil Rao
P. Nikhil Rao

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## /s/ Hector Garcia-Santana

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Counsel for the PATH Companies on behalf of the Settling Parties

Dated: November 17, 2023

## UNITED STATES OF AMERICA <br> BEFORE THE <br> FEDERAL ENERGY REGULATORY COMMISSION

| Potomac-Appalachian Transmission | ) | Docket Nos. ER09-1256-- |
| :--- | :--- | :--- |
| Highline, LLC | ER12-2708-_ |  |
| PJM Interconnection, L.L.C. | ) |  |
|  | ) | (Consolidated) |

## SETTLEMENT AGREEMENT

This Settlement Agreement ("Settlement Agreement") is entered into pursuant to Rule 602 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission ("Commission" or "FERC"), 18 C.F.R. § 385.602, by and among PotomacAppalachian Transmission Highline, LLC ("PATH") and its operating companies PATH Allegheny Transmission Company, LLC ("PATH-AYE") and PATH West Virginia Transmission Company, LLC ("PATH-WV") (collectively, the "PATH Companies"), Keryn Newman and Alison Haverty (together, the "Pro Se Parties"), Delaware Division of the Public Advocate, Maryland Office of People's Counsel, and New Jersey Division of Rate Counsel (collectively, the "Joint Consumer Advocates" and, together with the PATH Companies and the Pro Se Parties, the "Settling Parties," and each a "Settling Party"). ${ }^{1}$ The Settling Parties enter into this Settlement Agreement to resolve all issues in Docket Nos. ER09-1256 and ER12-2708, including all related sub-dockets thereof, and to provide a process for the cancellation of the PATH Companies' formula transmission rate.

[^10]This Settlement Agreement will facilitate the final wind-down and termination of the PATH Companies.

## ARTICLE I - DEFINITIONS

1.1 All defined terms used in this Settlement Agreement and not defined herein have the meanings set forth in Attachment H-19 of the Open Access Transmission Tariff ("Tariff") of PJM Interconnection L.L.C. ("PJM").

## ARTICLE II - RETURN ON EQUITY

2.1 PATH's currently effective Return on Equity ("ROE") of $8.11 \%$, which became effective January 19, 2017 pursuant to Commission directives in PotomacAppalachian Transmission Highline, LLC, Opinion No. 554, 158 FERC II 61,050 (2017) ("Opinion No. 554"), will remain unchanged at $8.11 \%$ through the remainder of the period that the PATH Companies' formula rate, as set forth in Attachment H-19 of the PJM Tariff (the "PATH Formula Rate"), is in effect.
2.2 This resolution will resolve all outstanding ROE issues relating to the PATH Companies, including the briefing process established pursuant to PotomacAppalachian Transmission Highline, LLC, Opinion No. 554-A, 170 FERC §I 61,050 (2020) ("Opinion No. 554-A").
2.3 Not later than 30 days of the Effective Date of this Settlement Agreement as specified in Section 8.1 hereto, the PATH Companies will withdraw the request for rehearing on return on equity ("ROE") issues that they filed on February 21, 2017 in Docket Nos. ER09-1256 and ER12-2708.

## ARTICLE III - ADVOCACY-RELATED EXPENSES, COST OF DEBT RATE

3.1 The PATH Companies will reverse previous charges corresponding to the amounts disallowed by the United States Court of Appeals for the District of Columbia Circuit in Newman v. FERC, 27 F.4th 690 (D.C. Cir. 2022) (the "D.C. Circuit Opinion"), and will reflect these refunds, including interest on such amounts at the Commission's rate set forth in 18 C.F.R. § 35.19a ("Interest"), in the Final Close-Out Amount set forth in Section 4.2 below.
3.2 The Settling Parties agree that the PATH Companies are abiding by the stipulation agreement filed on April 6, 2015 in Docket Nos. ER09-1256 and ER12-2708, which provided that PATH-WV included a debt rate adjustment (from 6.64\% to 4.70\%), with interest, in its 2016 Actual Transmission Revenue Requirement ("ATRR") True-up Adjustment calculation, and PATH-AYE reflected the stipulated 4.70\% debt rate (reduced from 6.76\%), with interest, in its revenue requirement calculations through the True-up Adjustment calculation performed pursuant to Opinion No. 554.

## ARTICLE IV - FINAL RATE ACCOUNTING

4.1 Subject to Section 4.3 below, the Settling Parties agree that the PATH Formula Rate will be replaced with a final lump sum refund amount (the "Final CloseOut Amount") as set forth in this Article IV of this Settlement Agreement. The Final Close-Out Amount reflects the implementation of the provisions of Articles II and III of this Settlement Agreement and any other debits or credits necessary to terminate the PATH Formula Rate and wind down the PATH Companies' operations.
4.2 The Final Close-Out Amount is $(\$ 9,511,221)$ and is calculated as follows:

| Item | Dollar amount (\$) |
| :--- | ---: |
| PATH AYE - reversal of advocacy-related expenses | $(2,722,728)$ |
| PATH AYE - Interest on reversal of advocacy-related expenses <br> through December 31, 2023 | $(1,449,537)$ |
| PATH WV - reversal of advocacy-related expenses | $(6,170,665)$ |
| PATH WV - Interest on reversal of advocacy-related expenses <br> through December 31, 2023 | $(3,637,285)$ |
| PATH AYE - under-recovery associated with 2023 True-up <br> Adjustment | 58,334 |
| PATH AYE - Interest on 2023 True-up Adjustment amount <br> through December 31, 2023 | 1,629 |
| PATH WV - over-recovery associated with 2023 True-up <br> Adjustment | $(111,645)$ |
| PATH WV - Interest on 2023 True-up Adjustment amount <br> through December 31, 2023 | $(2,419)$ |
| PATH AYE - 2024 Projected Transmission Revenue Requirement <br> ("PTRR") | 211,686 |
| PATH AYE - 2022 True-up Adjustment less 2024 Interest <br> through December 31, 2023 | $1,846,218$ |
| PATH WV - 2024 PTRR | $3,020,866$ |
| PATH WV - 2022 True-up Adjustment less 2024 Interest through <br> December 31, 2023 | $(255,675)$ |
| Negotiated Reduction | $\mathbf{( 9 , 5 1 1 , 2 2 1 )}$ |
| Final Close-Out Amount (refund) | \$ |

4.3 After a Final Order approving this Settlement Agreement is received, in accordance with Article VIII of this Settlement Agreement, the PATH Companies will adjust the Final Close-Out Amount to reflect any amounts collected pursuant to the PATH

Formula Rate during 2024, as based on the PATH PTRR for 2024, as well as Interest from December 31, 2023 through the date the Final Close-Out Amount is refunded to PATH Formula Rate customers pursuant to Section 4.4 of this Settlement Agreement below.
4.4 Not later than 30 days after the Effective Date of this Settlement Agreement as defined in Section 8.1 hereto, the PATH Companies shall direct PJM to refund the Final Close-Out Amount to PATH Formula Rate customers.
4.5 The Final Close-Out Amount will be included in a refund report that will be filed on an informational basis with the Commission not later than 60 days after the Final Close-Out Amount is refunded to PATH Formula Rate customers.
4.6 The Final Close-Out Amount shall represent the final disposition of any and all issues relating to the PATH Formula Rate, for all PTRRs, ATRRs, and True-up Adjustments associated with both the current and all prior Rate Years. Other than pursuant to this Settlement Agreement, no Settling Party or other entity shall have any further rights to review, challenge, or otherwise contest any matters relating to the PATH Formula Rate, for any Rate Year, including the inputs thereto.

## ARTICLE V - REPLACEMENT TARIFF SHEETS

5.1 As of the Effective Date of this Settlement Agreement as specified in Section 8.1 hereto, the tariff records included as Appendix A to this Settlement Agreement shall replace and supersede the tariff records constituting Attachment H-19 (including Attachments $\mathrm{H}-19 \mathrm{~A}$ and $\mathrm{H}-19 \mathrm{~B}$ ) of the PJM Tariff then in effect. (Attached to this Settlement Agreement as Appendix B are Attachments H-19, H-19A and H-19B in redline form.)
5.2 Not later than 30 days after the date that the Final Close-Out Amount is refunded to PATH Formula Rate customers, the PATH Companies shall submit a notice of cancellation of Attachment H-19 of the PJM Tariff. The Settling Parties shall not oppose or protest that notice of cancellation.

## ARTICLE VI - DISPOSITION OF PAID-IN CAPITAL AMOUNTS

6.1 Any disposition of paid-in capital by the PATH Companies, pursuant to the petitions for declaratory order submitted in Docket Nos. EL18-186 and EL18-187, or otherwise, will not reduce or otherwise affect the Final Close-Out Amount specified in Article IV of this Settlement Agreement.
6.2 The Settling Parties commit not to oppose, protest, contest, or otherwise object to any filings or other actions taken by the PATH Companies to dispose of paid-in capital, including withdrawal of the pending petitions for declaratory order filed in Docket Nos. EL18-186 and EL18-187.

## ARTICLE VII - FINAL RESOLUTION OF PROCEEDINGS

7.1 This Settlement Agreement will fully and finally resolve all claims and outstanding matters and issues with respect to all the PATH Companies' abandoned plant and formula rate proceedings, including Docket Nos. ER09-1256, ER12-2708, and all sub-dockets thereto.

## ARTICLE VIII - EFFECTIVE DATE, MODIFICATIONS, WIND-DOWN

8.1 This Settlement Agreement will become effective as of the date that the Commission issues a Final Order approving this Settlement Agreement without condition or modification (the "Effective Date"). For purposes of this Settlement Agreement, an order will be considered a "Final Order" as of the date it is issued by the Commission if no comments were filed in opposition to this Settlement Agreement, or, if comments in opposition were filed, as of the date that rehearing is denied by the Commission by order or by operation of law, or, if rehearing was not sought, as of the date on which the right to seek Commission rehearing expires.

### 8.2 If the Commission rejects this Settlement Agreement or any portion

 thereof, the Settlement Agreement shall be deemed null and void and of no force and effect. If the Commission accepts or approves the Settlement Agreement subject to conditions or modifications, then the Settlement Agreement shall not become effective, and it shall in that event be deemed null and void and of no force and effect unless each of the Settling Parties notifies all of the other Settling Parties and the Commission in writing within fifteen (15) days of such Commission order that it accepts such condition(s) or modification(s) and the order becomes a Final Order.Notwithstanding the preceding two sentences of this Section 8.2, in either of those events the Settling Parties shall, within fifteen (15) days of such Commission order, confer (which may be by remote electronic means or in person) and negotiate in good faith to attempt to address any such Commission rejection of the Settlement Agreement or Commission acceptance or approval of the Settlement Agreement subject to conditions or modifications in a manner that, to the extent practicable and compatible with such order, restores the economic balance reflected in the Settlement Agreement as executed. If the Settling Parties can in good faith agree to revisions to the Settlement Agreement to address such Commission rejection of the Settlement Agreement or Commission acceptance or approval of the Settlement Agreement subject to conditions or modifications, then such renegotiated settlement agreement shall be filed with the Commission for its approval, in place of the Settlement Agreement as originally executed. However, if the Settling Parties cannot in good faith agree to revisions to the Settlement Agreement to resolve such Commission rejection of the Settlement Agreement or Commission acceptance or approval of the Settlement Agreement subject to conditions
or modifications within that 15-day period, then the first two sentences of this Section 8.2 will control.
8.3 Upon issuance of a Final Order (including a Final Order subject to one or more conditions or modifications that all of the Settling Parties subsequently state is acceptable to them pursuant to Section 8.2 above), but not before the PATH Companies file the refund report contemplated in Section 4.5 above, the PATH Companies will undertake to complete general steps associated with corporate dissolution of the PATH Companies.

## ARTICLE IX - MISCELLANEOUS PROVISIONS

9.1 Non-Severability. The provisions of this Settlement Agreement are not severable and shall not bind any Settling Party unless and until the Commission issues a Final Order approving this Settlement Agreement (including a Final Order subject to one or more conditions or modifications that all of the Settling Parties subsequently state is acceptable to them) pursuant to Article VIII of this Settlement Agreement.
9.2 No Admission or Precedent. The tender of this Settlement Agreement is solely for the purpose of resolving the matters described herein, and is not intended to establish any principle or precedent with respect to any issue in the above-captioned proceedings or any other proceeding. Accordingly, neither this Settlement Agreement nor any Settling Party's performance in accordance herewith shall be deemed to constitute an admission or concession as to any matter. Nothing in this Settlement Agreement will affect the continued applicability of the D.C. Circuit Opinion - i.e., Newman v. FERC, 27 F.4th 690 (D.C. Cir. 2022). The Commission's approval of this Settlement Agreement shall not constitute a determination by the Commission as to the merits of any allegation
or contention that was made or that could have been made in the above-captioned proceedings or any other proceeding; nor shall the Commission's approval of this Settlement Agreement be deemed to establish a "settled practice" as that term was interpreted and applied in Public Service Commission of the State of New York v. FERC, 642 F.2d 1335 (D.C. Cir. 1980).
9.3 Reservation of Rights. The Settling Parties retain their respective rights to take any actions not inconsistent with the provisions of this Settlement Agreement as approved by the Commission in a Final Order.

### 9.4 Settlement Discussions. This Settlement Agreement results from

 settlement discussions and communications that were conducted on the explicit understanding, pursuant to Rule 602(e) of the Commission's Rules of Practice and Procedure, 18 C.F.R. § $385.602(\mathrm{e})$, that all offers of settlement and communications relating thereto shall be privileged and confidential, shall be without prejudice to the position of any party or participant presenting any such offer or participating in any settlement discussions and communications, and shall not be used in a manner in connection with these proceedings or otherwise, except to the extent of enforcing the terms and conditions of this Settlement.9.5 Support for Settlement Agreement. The Settling Parties will support this Settlement Agreement and will cooperate in securing Commission approval and implementation of this Settlement Agreement. The Settling Parties hereby waive any and all rights to seek rehearing or judicial review of any Commission order(s) approving the Settlement Agreement without modification or condition. However, if the Commission approves the Settlement Agreement with modifications or conditions, any Settling Party
may seek rehearing or judicial review of the Commission order(s) approving the Settlement Agreement solely to challenge the Commission's imposition of such modifications or conditions in order to preserve the terms and conditions in order to preserve the terms and conditions of the Settlement Agreement as filed.
9.6 Standard of Review. Absent the mutual agreement of the Settling Parties to a proposed change to this Settlement Agreement, the standard of review for unilateral changes to the Settlement Agreement proposed by a Settling Party will be the "public interest" standard set forth in United Gas Pipe Line Co. v. Mobile Gas Service Corp., 350 U.S. 332 (1956), Federal Power Commission v. Sierra Pacific Power Co., 350 U.S. 348 (1956), Morgan Stanley Capital Group Inc. v. Public Utility District No. 1 of Snohomish County., 554 U.S. 527 (2008), and NRG Power Marketing, LLC v. Maine Public Utilities Commission, 558 U.S. 165 (2010), and the standard of review for any changes proposed by a non-Settling Party, or the Commission acting sua sponte, will be the just and reasonable standard of review set forth in Devon Power LLC, 134 FERC $\mathbb{T}$ 61,208, at P 10 (2011), reh'g denied, 137 FERC I[ 61,073 (2011), review dismissed in part and denied in part sub nom. New England Power Generators Association v. FERC, 707 F.3d 364 (D.C. Cir. 2012).
9.7 Headings and Captions. Section headings and captions are used in this Settlement Agreement solely for convenience of reference and shall not be used to interpret or modify the terms of this Settlement Agreement.
9.8 Binding Effect of Settlement. This Settlement Agreement shall be binding on and shall inure to the benefit of the successors, assigns, or purchasers for value of the stock or assets of all Settling Parties.
9.9 Inconsistency with Explanatory Statement. To the extent there is any inconsistency between this Settlement Agreement and the Explanatory Statement submitted in support hereof, this Settlement Agreement shall control.
9.10 No Third-Party Beneficiaries. Except as specifically set forth in this Settlement Agreement, nothing in this Settlement Agreement, whether express or implied, confers any rights or remedies under, or by reason of, this Settlement Agreement on any parties or persons other than the Settling Parties.
9.11 Authorization. Each person executing this Settlement Agreement on behalf of a Settling Party represents and warrants that he or she is duly authorized and empowered to act on behalf of, and to authorize this Settlement Agreement to be executed on behalf of, the Settling Party that he or she represents.
9.12 Counterparts. This Settlement Agreement may be executed in one or more counterparts, each of which shall be deemed to be an original and all of which together shall be deemed to be one and the same instrument.
9.13 Incorporation of Appendices. Appendix A and Appendix B to this Settlement Agreement are incorporated by reference as if fully set forth herein.

IN WITNESS WHEREOF, the Settling Parties have caused this Settlement Agreement to be duly executed.


Date: November 13,2023
Name and Title: P. Nikhi/Rao
Counsel, for PATH Companies
Date: November 14,2023
Name and Title: Hector Garcia Santa na Counsel for the PATH Companies

Potomac-Appalachian Transmission Highline, LLC

By: Kewn Yewonnaw
Name: ___Keryn Newman
$B y$ : $\qquad$
Name $\qquad$

Pro Se Parties

By:
Name: $\qquad$

By: _/s/Alison Haverty

Date: $\qquad$

Name: _Alison Haverty

Pro Se Parties

## Delaware Division of the Public Advocate

By: /s Regina A. Iorii
Date: 11/14/23
Name and Title: Regina A. Iorii, Deputy Attorney General

## Maryland Office of People's Counsel

$\qquad$ Date: $\qquad$
Name and Title: $\qquad$

## New Jersey Division of Rate Counsel

By: $\qquad$ Date: $\qquad$
Name and Title: $\qquad$

Joint Consumer Advocates

## Delaware Division of the Public Advocate

By: $\qquad$ Date: $\qquad$
Name and Title: $\qquad$

## Maryland Office of People's Counsel

By:


Date: November 15,2023
Name and Title: $\qquad$
Gary L. Alexander, Assistant People's Counsel

New Jersey Division of Rate Counsel

By: $\qquad$ Date: $\qquad$
Name and Title: $\qquad$

## Delaware Division of the Public Advocate

## By: <br> $\qquad$

Date: $\qquad$
Name and Title: $\qquad$

## Maryland Office of People's Counsel

By: $\qquad$ Date: $\qquad$
Name and Title: $\qquad$

## New Jersey Division of Rate Counsel

## By: I. David Wand

Date: 11/14/23
Name and Title: T. David Wand, Esq.
Deputy Rate Counsel

Joint Consumer Advocates

## Appendix A: Clean Tariff

## ATTACHMENT H-19

## Potomac-Appalachian Transmission Highline, L.L.C.

Pursuant to the settlement agreement filed on November 17, 2023 and subsequently approved by the Federal Energy Regulatory Commission in Docket Nos. ER09-1256 and ER12-2708 (the "Settlement Agreement"), the Final Close-Out Amount, as that term is defined in the Settlement Agreement, will be calculated and refunded as provided in the Settlement Agreement.

## Attachment H-19A

[Not Used]

## ATTACHMENT H-19B

[Not Used]

## Appendix B: Marked Tariff

## ATTACHMENT H-19

## Annual Transmission-Rates-Potomac-Appalachian Transmission Highline, L.L.C.

Pursuant to the settlement agreement filed on November 17, 2023 and subsequently approved by the Federal Energy Regulatory Commission in Docket Nos. ER09-1256 and ER12-2708 (the "Settlement Agreement"), the Final Close-Out Amount, as that term is defined in the Settlement Agreement, will be calculated and refunded as provided in the Settlement Agreement.

1. The annual transmission revenue requirement is equal to the results of the PotomacAppalachian Transmission Highline, L.L.C. ("PATH") formula and its associated attachments shown in Attachment H-19A posted on the PJM Internet site ("Formula Rate") which reflects the facilities within PJM and the associated revente requirements of PATH West Virginia Transmission Company, L.L.C. ("PATH-WV"), and PATH Allegheny Company, L.L.C. ("PATH-Allegheny"). The rates determined pursuant to Attachment H-19A shall be implemented pursuant to the Formula Rate Implementation Protocols set forth in Attachment H-19B. Service utilizing other facilities will be provided at rates determined on a case by case basis.
2. The revenue requirement in (1) shall be effective until amended by PATH or modified by the Commission.

## Attachment H-19A

## [Not Used]

## SUMMARY

1 AET REVENUE REQUREMENT
-2 PJAM Project No.

- 3 b0490 \& b0491
-4 b0492 \& b0560
$-5$
6 Total (Sum lines 3 to 5)

Sources:

PATH West Virginia Transmission Company, LLC (PATH-WV)
(1)
(A)

0 (G)

\$0
(D)

## PATH Allegheny Transmission

Company, LLC (PATHAllegheny)
(2)

Potomac-Appalachian Transmission Highline, LLC
$(3)=(1)+(2)$

Rate Formula Template, page 2, line 5, col. (3)
(B) Rate Formula Template, page 7, line 5, col. (3)
(C)
(D)

Rate Formula Template - Attachment 5, page 30 col., (7)
Rate Formula Template - Attachment 5, page 31 col., (6)

| Formula Rate - Non-Levelized |  | Altachment A |
| :--- | :--- | :--- | :--- | :--- |


|  |  |
| :---: | :---: |
| Formula Rate - Non-Levelized | Rate Formula Template |
| Attachment A |  |

## PATH West Virginia Transmission Company, LLC

|  | (1) | (2) | (3) | (4) |  | (5) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Form No. 1 |  |  |  | Transmission |
| Line |  | Page, Line, Col. | Company Total | Allocator |  | (Col3 imes Col 4) |
| No . | RATE BASE: |  |  |  |  |  |
|  | GROSS PLANT IN SERVICE |  |  |  |  |  |
| 6 | Production | (Attachment 4) | - | NA | 0.00000 | - |
| 7 | Transmission | (Attachment 4) | - | TP | 1.00000 | - |
| 8 | Distribution | (Attachment 4) | - | NA | 0.00000 | - |
| 9 | General \% Intangible | (Altachment 4) | - | W/s | 1.00000 | - |
| 10 | Common | (Attachment 4) | - | CE | 1.00000 | - |
| 11 | TOTAL GROSS PLANT (sum lines 6-10) | (GP-1 if plant-0) |  | GP= | 1.00000 | - |
| 12 | AGCUMULATED DEPRECIATION |  |  |  |  |  |
| 13 | Production | (Attachment 4) | - | NA | 0.00000 | - |
| 14 | Transmission | (Attachment 4) | - | TP | 1.00000 | - |
| 15 | Distribution | (Atlachment 4) | - | NA | 0.00000 |  |
| 16 | General \& Intangible | (Attachment 4) | - | W/S | 1.00000 |  |
| 17 | Common | (Altachment 4) | - | GE | 4.00000 | — |
| 18 | TOTAL ACCUM. DEPRECIATION (sum lines 13-17) |  | - |  |  | - |
| 19 | NETPLANTIN SERVICE |  |  |  |  |  |
| 20 | Production | (line 6-line 13) | - |  |  |  |
| 24 | Transmission | (line $7-$ line 14) | - |  |  |  |
| 22 | Distribution | (line - - $\operatorname{lin}$ - 15 ) | - |  |  |  |
| 23 | General \&-Intangible | (line - - line 16) | - |  |  |  |
| 24 | Common | (line 10-line 17) | $-$ |  |  | - |

TOTAL NET PLANT (sum lines 20-24)

ADJUSTMENTS TO RATE BASE (Note A)

| Account No. 281 (enter negative) | (Attachment 4) | - |
| :--- | :--- | :--- |
| Account No. 282 (enter negative) | (Attachment 4) | - |
| Account No. 283 (enter negative) | (Attachment 4) | - |
| Account No. 190 | (Attachment 4) | - |
| Account No. 255 (enter negative) | (Attachment 4) | - |
| CWIP | (Attachment 4) | - |
| Unamortized Regulatory Asset | (Attachment 4) | - |
| Unamortized Abandoned Plant | (Attachment 4) | - |

TOTAL ADJUSTMENTS (sum lines 27-34)

AND HELD FOR FUTURE USE

WORKING CAPITAL (Note C)
-CWC
Materials \& Supplies (Note B)
Prepayments (Account 165-Note C)
TOTAL WORKING CAPITAL (sum lines 38-40)

RATE BASE (sumlines $25,35,36, \& 41$ )
$(\mathrm{NP}=1$ if plant $=0)$
(Attachment 4)
(Attachment 4)
calculated
(Attachment 4)
(Attachment 4) $\qquad$
-
$\qquad$ -
$\mathrm{NP}=$
$\qquad$
$\qquad$

| 0.00000 | $\square$ |
| :--- | :--- |
| 1.00000 | $\square$ |
| 1.00000 | $\square$ |
| 1.00000 | $\square$ |
| 1.00000 | $\square$ |
| 1.00000 | $\square$ |
| 1.00000 | $\square$ |
| 1.00000 | $\square$ |

1.00000 $\qquad$
1.00000
1.00000
$\qquad$

$\qquad$

Attachment A
Formula Rate - Non-Levelized
(1)

O\&M
Transmission
Less Account 565
Less Account 566 (Misc Trans Expense)
A\&G
Loss EPRI \& Reg. Comm. Exp. \& Other Ad.
-Plus Transmission Related Reg.Comm. Exp.
-PBOP expense adjustment
Common
Transmission Lease Payments
Account 566
-Amortization of Regulatory Asset
Miscellaneous Transmission Expense
Total Account 566

TOTAL O\&M (sum lines $44,47,49,50,51,52,56$ less lines $45,46 \&-48$ )

DEPRECIATION EXPENSE
Transmission
Generaland Intangible
Common
Amortization Of Abandoned Plant
TOTAL DEPRECIATION (Sum lines 59-62)

TAXES OTHER THAN INGOME TAXES (NotoE)
Rate Formula Template
Utilizing FERC Form 1 Data

PATH West Virginia Transmission Company, LLC

| (2) <br> Form No.1 <br> Page, Line, Col. | (3) | (4) |  |
| :---: | :---: | :---: | :---: | :---: |
| Company Total |  |  |  |

LABOR RELATED

- Payroll
$263 i$
$263 i$
$263 i$
2634
263
- Payments in lieu of taxes

TOTAL OTHER TAXES (sumlines 66-72)

## INCOME TAXES

$-T=1-\{[(1-S I T) *(1-F I T)] /(1-S I T * F I T * p)\}=$
CIT $=(T / 1-T)^{*}(1-($ WCLTD/R $))=$
. where WCLTD $=($ line 118) and $\mathrm{R}=$ (line 121)
and FIT, SIT \& p are as given in footnote $F$. Total Income Taxes
(Note F)

$$
0.00 \%
$$

$-1 /(1-T)=(T$ from line 75$)$
Amortized Investment Tax Credit

Income Tax Calculation $=$ line $76 *$ line 85
ITC adjustment (line 79 * line 80)
(Excess)/Deficient Deferred Income Taxes (Attachment 4.1, Line 3, Col. N+O) (Note L)
(Excess)/Deficient Deferred Income Tax Adjustment (line 79 * line 82a) -

RETURN
[Rate Base (line 42) * Rate of Return (line 121)]

$$
0.00 \%
$$

$\begin{array}{lr}0.0000 \\ (266.8 f) \text { (enter negative) } & 0\end{array}$


NA
NP

DA
1.00000
1.00000
1.00000
1.00000
0.00000
1.00000
1.00000
1.00000

## Attachment A

Formula Rate - Non-Levelized
Rate Formula Template
Utilizing FERC Form 1 Data

## PATH West Virginia Transmission Company, LLC

## SUPPORTING CALCULATIONS AND NOTES

## RANSMISSION PLANT INCLUDED IN ISO RATES

| Total transmission plant (line 7, column 3) |  |  |  |  |  | $\theta$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Less transmission plant excluded from ISO rates (Note H) |  |  |  |  |  | 0 |
| Less transmission plant included in-OATT Ancillary Servicos (Note-H) |  |  |  |  |  | $\theta$ |
| Transmission plant included in ISO rates (line 88 less lines 89 \& 90) |  |  |  |  |  | 0 |
| Percentage of transmission plant included in ISO Rates (line 91 divided by line 88) [If line 88 equal zero, enter 1) |  |  |  |  | $T P=$ | 1.0000 |
| TRANSMISSION EXPENSES |  |  |  |  |  |  |
| Total transmission expenses (line-44, column 3) |  |  |  |  |  | $\theta$ |
| Less transmission oxpenses included in OATT Ancillary Servicos (Note-G) |  |  |  |  |  | $\theta$ |
| Included transmission expenses (line 95 less line 96) |  |  |  |  |  | $\theta$ |
| Percentage of transmission expenses after adjustment (line 97 divided by line 95) [\|f line 95 equal zero, enter 1 ) |  |  |  |  |  | 1.0000 |
| Percentage of transmission plant included in ISO Rates (line 92) |  |  |  |  | TP | 1.00000 |
| Percentage of transmission expenses included in ISO Rates (line 98 times line 99) |  |  |  |  | TE= | 1.00000 |
| WAGES \& SALARY ALLOCATOR (W\&S) |  |  |  |  |  |  |
| Form 1 Reforence | \$ | IP | Allogation |  |  |  |
| Production 354.20.6 | 0 |  |  |  |  |  |
| Transmission 354.21.6 | 0 | 1.00 |  | $\theta$ |  |  |
| -Distribution 354.23.6 | 0 |  |  |  |  | W\&S Allocator |
| Other 354.24,25,26.b | 0 |  | - |  |  | (\$/ Allocation) |
| Total (sumlines 103-106) [TP equals 1 if there are no wages \& salaries] | $\theta$ |  |  | $\theta$ | $=$ | 1.00000 |

COMMON PLANT ALLOCATOR (CE) (Note I)

| 109 |  |  | \$ |  | \% Electric | Wes Allocator |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 110 | Electric | 200.3.6 | $\theta$ |  | (fine 110) line 113) | $($ (ine 107) |  |  | CE |  |
| 114 | Gas | 201.3.d | $\theta$ |  | 1.00000 | * |  | 1.00000 | = | 1.00000 |
| 112 | Wator | 201.3.0 | $\theta$ |  |  |  |  |  |  |  |
| 113 | Total (sumlines 110-112) |  | 0 |  |  |  |  |  |  |  |
| 114 | RETURN (R) |  |  |  |  |  | \$ |  |  |  |
| 415 |  |  |  |  |  |  |  |  |  |  |
| 116 |  |  |  |  |  |  |  |  |  |  |
| 117 |  |  | \$ | \% | Cost |  | Weig |  |  |  |
| 118 | Long Term Debt (Note K) | (Attachment 4) | 0 | 50\% | 6.64\% |  | 0.0332 | =WCLTD |  |  |
| 119 | Preferred Stock | (Attachment 4) | $\theta$ | 0\% | 0.00\% |  | 0.0000 |  |  |  |
| 120 | Commonstock (Note - ) | (Attachment 4) | $\theta$ | 50\% | 10.4\% |  | 0.0715 |  |  |  |
| 121 | Total (sum lines 118-120) |  | $\theta$ |  |  |  | 0.1047 | $=\mathrm{R}$ |  |  |

## SUPPORTING CALCULATIONS AND NOTES

## Attachment A

Formula Rate - Non-Levelized
Rate Formula Template
UHilizing FERC Form 1 Data

PATH West Virginia Transmission Company, LLC
General Note: References to pages in this formulary rate are indicated as: (page\#, line\#, col.\#)
References to data from FERC Form 1 are indicated as: \#.y.x (page, line, column)

The balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets
-or liabilities related to FASB 106 or 109. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note F. Account 281 is not allocated.

Identified in Form 1 as being only transmission relatod.
Cash Working Capital assigned to transmission is one-eighth of O\&M allocated to transmission
Prepayments are the electric rolated prepayments booked to Account No. 165 and roported on Pages $110-111$ line 57 in the Form 1
EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses itemized at 351.h, except safety, education and out-reach
related advertising included in Account 930.1. Regulatory Commission Expenses directly related to transmission service,
ISO filings, or transmiscion siting itemized at 351 .h
Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the curfent year
Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.

The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and $p=$
"the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that -elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce
rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f)
multiplied by (1/1-T) (page 4, line 79)

| Inputs Required: | FIT $=$ | $0.00 \%$ |  |
| :--- | :--- | :--- | :--- |
|  | SIT $=$ | $0.00 \%$ | (State Income Tax Rate or Composite SIT from Altachment 4) |
|  | $p=$ | $0.00 \%$ | (percent of federal income tax deductible for state purposes) |

Removes dollar amount of transmission expenses included in the OATT ancillary services rates, if any.
Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation
step-up facilities, which are deemed to included in OATT ancillary services. For these purposes, generation step-up
facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
Enter dollar amounts
The ROE consists of a base ROE of $10.40 \%$, a 50 basis point adder for participation in PJM and a
150 basis point Incentive ROE adder. No change in ROE may be made absent a Section 205 or 206 filing with FERC and no filing to change the ROE may be made by a Settling Party or Non-Opposing Party (as defined in the Sottlement Agrement filed on October 7, 2011 in Docket No. ER08-386000, ot a1.) oxcept in accordance with the provisions of Soction3.2 of the Settlement Agreoment. Subject to rehearing of the November 30, 2012 Hearing Order in Docket No. ER12-2708-000, the post abandonment ROE will be 10.9\% beginning September 1, 2012 and 10.4\% beginning December 1, 2012. The 2012 true-up will be computed using an ROE that is a timeweighted average of the pre-abandonment ROE (i.e., $12.4 \%$ ) and the allowed post abandonment ROE. Example Calculation: For the first 244 days the authorized ROE will be $12.4 \%$, for the next 91 days the ROE will be $10.9 \%$, and for the remaining 31 days the ROE will be $10.4 \%$.
Therefore, the weighted ROE $=(12.4 \% * 244+10.9 \% * 91+10.4 \% * 31) / 366=11.858 \%$. Beginning with 2013 and through the remainder of the amortization period, the ROE will be $10.4 \%$.-

Upon enactment of changes in tax law, income tax rates (including changes in apportionment) and other actions taken by a taxing authority, deferred taxes are re-measured and adjusted in the Company's books of account, resulting in excess or deficient accumulated deferred taxes. Such excess or deficient deferred taxes attributed to the transmission function will be based upon tax records and calculated in the calendar year in which the excess or deficient amount was measured and recorded for financial reporting purposes.


|  | Attachment A |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Formula Rate-Non-Levelized | Rate Formula Template |  |  |
|  |  | Uilizing FERC Form 1 Data |  |  |
|  | (H) | PATH Allegheny Transmission Company, LLC |  |  |
|  |  | (2) | (3) |  |
|  |  | Form No. 1 |  |  |
| Line |  | Page, Line, Coll | Company Total |  |
| No. | RATE BASE: |  |  |  |
|  | GROSS PLANT IN SERVICE |  |  |  |
| 6 | Production | (Attachment 4) | - | NA |
| 7 | Transmission | (Attachment 4) | - | TP |
| 8 | -Distribution | (Attachment 4) | - | NA |
| 9 | General \& Intangible | (Attachment 4) | - | W/S |
| 10 | Common | (Attachment 4) | - | CE |
| 11 | TOTAL GROSS PLANT (sum lines 6-10) | (GP-1 if plant $=0$ ) | - | GP= |
| 12 | ACCUMULATED DEPRECHATION |  |  |  |
| 13 | Production | (Attachment 4) | - | NA |
| 44 | Transmission | (Attachment 4) | - | IP |
| 15 | -Distribution | (Attachment 4) | - | NA |
| 16 | General \& Intangible | (Attachment 4) | - | W/S |
| 17 | Common | (Attachment 4 ) | - | GE |
| 18 | TOTAL ACCUM. DEPRECIATION (sum lines 13-17) |  | - |  |
| 19 | NET PLANT IN SERVICE |  |  |  |
| 20 | Production | (line 6-line 13$)$ | - |  |
| 24 | Transmission | (line 7 - -ine 14) | - |  |
| 22 | Distribution | (line 8-line 15$)$ | - |  |
| 23 | Generat Intangible | (line - - $\operatorname{lin} 016)$ | - |  |
| 24 | Common | (line 10-1ine 17) | - |  |

(4)

Allocator
Transmission
(Col3 3 times Col 4)

$\qquad$

Page 13
TOTAL NET PLANT (sum lines 20-24)
( $\mathrm{NP}=1$ if plant $=0$ ) - $\mathrm{NP}=$

ADJUSTMENTS TO RATE BASE (Note A)
Account No. 281 (enter negative)

| (Attachment 4) | - | NA |
| :--- | :---: | :---: |
| (Attachment 4) | - | NP |
| (Attachment 4) | - | NP |
| (Attachment 4) | - | AP |
| (Attachment-4) | - | NP |
| (Attachment 4) | - | DA |
| (Attachment 4) | - | DA |
| (Attachment 4) |  | DA |

(Attachment 4)
calculated
-CWC
Materials \& Supplies (Note B)
-Prepayments (Account 165-Note C)

| (Attachment 4) | - | IE |
| :--- | :--- | :--- |
| (Attachment 4) | - | GP |


| 0.00000 | $\square$ |
| :--- | :--- |
| 1.00000 | $\square$ |
| 1.00000 | $\square$ |
| 1.00000 | $\square$ |
| 1.000000 |  |
| 1.00000 | $\square$ |
| 1.00000 | $\square$ |
| 1.00000 | $\square$ |
| 1.00000 | $\square$ |
| 1.00000 | $\square$ |


| Attachment A |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Formula Rate - Non-Levelized | - Rate Formula Template |  |  |  |  |
|  |  | Uutilizing FERC Form 1 Data |  |  |  |  |
|  | PATH Allegheny Transmission Company, LLC |  |  |  |  |  |
|  | (1) | (2) | (3) | (4) |  | $-(5)$ |
|  |  | Form No. 1 |  |  |  | Transmission |
|  |  | Page, Line, Col. | Company Total | Allocator |  | -(Col3 times Col 4) |
| 43 | O84 |  |  |  |  |  |
| 44 | Transmission | 321.112.b | - | 理 | 1.00000 | - |
| 45 | -Loss Account 565 | 321.06.6 | $\square$ | 理 | 1.00000 | - |
| 46 | Less Account 566 | Line 56 | $\longrightarrow$ | DA | 1.00000 | - |
| 47 | A\&G | 323.197.b | $\longrightarrow$ | W/S | 1.00000 | - |
| 48 | Less EPRI \& Reg. Comm. Exp. \& Other Ad. | (Note D \& Attach 4) | - | DA | 1.00000 | - |
| 49 | Plus Transmission Related Reg. Comm. Exp. | (Note D\& Attach 4) | $\longrightarrow$ | TE | 1.00000 | - |
| 50 | -PBOP expense adjustment | (Attachment 4) | - |  |  | - |
| 51 | Common | (Altachment 4) | $\square$ | CE | 1.00000 |  |
| 52 | Transmission Lease Payments | 200.4.6 | $\longrightarrow$ | DA | 1.00000 | $\square$ |
| 53 | Account566 |  |  |  |  |  |
| 54 | - Amortization of Regulatory Asset | Attachment 4 | - | DA | 1.00000 |  |
| 55 | Miscellaneous Transmission Expense | Atlachment 4 | - | DA | 1.00000 | - |
| 56 | Fotal Account 566 |  |  |  |  | - |
| 57 | TOTAL O\&M (sum lines $44,47,49,50,51,52,56$ less lines $45,46,48$ ) |  |  |  |  |  |
| 58 | depreciation expense |  |  |  |  |  |
| 59 | Transmission | 336.7 .686 | - | TP | 1.00000 |  |
| 60 | -General and / ntangible | $336.1 . d \& e+336.10 . b$ c.c.d\&e | $\longrightarrow$ | W/S | 1.00000 |  |
| 61 | Common | 336.11 .6 \& 6 | $\longrightarrow$ | CE | 1.00000 |  |
| 62 | Amortization of Abandoned Plant | (Altachment 4) | $\longrightarrow$ | DA | 1.00000 | - |
| 63 | FOTAL DEPRECIATION (Sum lines 59-62) |  |  |  |  | - Page 15 |

TAXES OTHER THAN INCOME TAXES (Note E)

| LABOR RELATED |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - Payroll | $263 i$ | $\longrightarrow$ |  | W/S | 1.00000 |  |
| - Highway and vehicle | $263 i$ |  |  | W/S | 1.00000 |  |
| PLANT RELATED |  |  |  |  |  |  |
| -Property | $263 i$ | - |  | GP | 1.00000 | - |
| Gross Receipts | $263 i$ | - |  | NA | 0.00000 |  |
| -Other | $263 i$ |  |  | GP | 1.00000 |  |
| - Payments in lieu of taxes |  |  |  | GP | 1.00000 |  |
| TOTAL OTHER TAXES (sum lines 66-72) |  |  |  |  |  |  |
| INCOME TAXES | (Note F) |  |  |  |  |  |
| $T=1-\{[(1-S I T) *(1-F I T)] /(1-S I T * F I T ~ * ~ P ~) ~\} ~=~$ |  |  | 0.00\% |  |  |  |
| $C I T=(T / 1-T)^{*}(1-($ WCLTD/R $))=$ |  |  | 0.00\% |  |  |  |
| Where WCLTD $=$ (line 118) and $\mathrm{R}=$ (line 121) |  |  |  |  |  |  |
| - and FIT, SIT \& p are as given in footnote F. |  |  |  |  |  |  |
| - $1 /(1-T)=(T$ from line 75$)$ |  |  | 0.0000 |  |  |  |
| Amortized Investment Tax Crodit | (266.8f) (enter negative) |  | $\theta$ |  |  |  |
| Income Tax Calculation $=$ line 76 * line 85 |  |  | $\theta$ | NA |  | $\qquad$ |
| ITC adjustment (line 79 * line 80) |  |  | $\theta$ | AP | 1.00000 |  |
| (Excess)/Deficient Deferred Income Taxes (Attachment 4.1, Line 40, Col. H) (Note L) |  |  | 0 |  |  |  |
| (Excess)/Deficient Deferred Income Tax Adjustment (line 79* line 82a) |  |  | 0 | DA | 1.00000 | $\longrightarrow$ |
| Fotal Income Taxes | (sum lines 81, 82, 82b) |  | $\theta$ |  |  |  |
| RETURN |  |  |  |  |  |  |
| [Rate Base (line - 12) * Rate of Return (line 121)] |  |  | $\theta$ | NA |  | - |
|  |  | - |  |  |  | - |
| REV. REQUREMENT (sum lines 57, $63,73,83,85$ ) |  |  | $\theta$ |  |  |  |

## Attachment A

## Formula Rate - Non-Levelized

Rate Formula Template
Uitilizing FERC Form 1 Data

## PATH Allegheny Transmission Company, LLC

## SUPPORTING CALCULATIONS AND NOTES

TRANSMISSION PLANT INCLUDED IN ISO RATES


Total (sum lines 103-106) [TP equals 1 if there are no wages \& salaries]

GOMMON PLANT ALLOCATOR (CE) (Note I)

|  |  |
| :--- | :---: |
| Electric | $200.3 . \mathrm{c}$ |
| Gas | $201.3 . \mathrm{d}$ |
| Water | $201.3 . \mathrm{e}$ |
| Total (sum lines $110-112)$ | 0 |

RETURN (R)

| (line 110 / line 113) |  | (line 107) |  |
| :---: | :---: | :---: | :---: |
| 1.00000 | * |  | 1.00000 |
|  |  | \$ |  |
| Cost |  | Weighted |  |
| 6.76\% |  | 0.0338 | =WCLTD |
| 0.00\% |  | 0.0000 |  |
| 10.4\% |  | 0.0715 |  |
|  |  | 0.1053 | $=\mathrm{R}$ |

- 


## Long Term Debt (Note K)

Preferred Stock
Commonstock (Note- $)$
Total (sum lines 118-120)



## SUPPORTING CALCULATIONS AND NOTES

## Attachment A

Formula Rate - Non-Levelized
Rate Formula Template
Wtilizing FERC Form 1 Data

## PATH Allegheny Transmission Company, LLC

General Note: References to pages in this formulary rate are indicated as: (page\#, line\#, col.\#)
References to data from FERC Form 1 are indicated as: \#. $\mathrm{y} . x$ (page, line, column)

The balances in Accounts 190,281,282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets
-or liabilities related to FASB 106 or 109. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note F. Account 281 is not allocated.

Identified in Form 1 as being only transmission rotated
Cash Working Capital assigned to transmission is one-eighth of O\&M allocated to transmission
Propayments are the electric related prepayments booked to Account No. 165 and reported on Pages 110 - 111 line 57 in the Form 1
EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses itemized at 351.h, except safety, education and out-reach
related advertising included in Account 930.1. Regulatory Commission Expenses directly related to transmission service,
ISO filings, or transmiscion siting itemized at 351 .h
Includes only FICA, unemployment, highway, property, gross roceipts, and other assessments charged in the curfent year
Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.

The curfently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and $p=$
"the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that -elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce
rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f)
multiplied by (1/1-T) (page 9, line 79)

| Inputs Required: | FIT $=$ | $0.00 \%$ |  |
| :---: | :---: | :---: | :---: |
|  | SIT $=$ | $0.00 \%$ | (State Income Tax Rate or Composite SIT from Attachment 4) |
|  | $p=$ | $0.00 \%$ | (percent of federal income tax deductible for state purposes) |

Removes dollar amount of transmission expenses included in the OATT ancillary services rates, if any.
Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation
step-up facilities, which are deemed to included in OATT ancillary services. For these purposes, generation step-up
facilities are those facilities at a generator substation on which there is no through -flow when the generator is shut down.
Enter dollar amounts
The ROE consists of a base ROE of $10.40 \%$, a 50 basis point adder for participation in PJM and a 150 basis point Incentive ROE adder. No change in ROE may be made absent a Section 205 or 206 filing with FERC and no filing to change the ROE may be made by a Sottling Party or Non-Opposing Party (as defined in the Sottlement Agreement filed on-October 7, 2011 in Docket No. ER08-386-000, ot al.) oxcept in accordance with the provisions of Section 3.2 of the Settlement Agreement. Subject to rehearing of the November 30, 2012 Hearing Order in Docket No. ER12-2708-000, the post abandonment ROE will be 10.9\% beginning September 1,2012 and $10.4 \%$ beginning Docember 1, 2012. The 2012 true-up will be computed using an ROE that is a time-weighted average of the pre-abandonment ROE (i.e., $12.4 \%$ ) and the allowed post abandonment ROE. Example Calculation: For the first 244 days the authorized ROE will be - $12.4 \%$, for the next 91 days the ROE will be $10.9 \%$, and for the remaining 31 days the ROE will be $10.4 \%$. Therefore, the weighted ROE = $(12.4 \% * 244+10.9 \% * 91+10.4 \% * 31) / 366=11.858 \%$. Beginning with 2013 and through the remainder of the amortization period, the ROE will be $10.4 \%$.-

The percentage shown for Long Term Debt is subject to the Annual Update and Attachment 6 and Attachment 9 .

Upon enactment of changes in tax law, income tax rates and other actions taken by a taxing authority, deferred taxes are re-measured and adjusted in the Company's books of account, resulting in excess or deficient accumulated deferred taxes, for schedule M items not directly taken to the P\&L. Such excess or deficient deferred taxes attributed to the transmission function will be based upon tax records and calculated in the calendar year in which the excess or deficient amount was measured and recorded for financial reporting purposes.

## Attachment 1-Revenue Credit Workpaper <br> PATH West Virginia Transmission Company, LLC

## Account 454-Rent from Electric Property

4 Rent from FERC Form No. 1 - Note 6
z Other Electric Revenues
3 Schodule 1A
4 PTP Serv revs for which the load is not included in the divisor received by TO
5 PJM Transitional Revenue Neutrality (Note 1)
6 PJM Transitional Market Expansion(Note-1)
7 Professional Services (Note 3)
8 Revenues from Directly Assigned Transmission Facility Charges (Note 2)
9 Rent or Attachment Feos associated with Transmission Facilitios (Note 3)

10 Gross Revenue Credits
11 Less line 20
12 Total Revonuo-Crodits

Sum lines $2-9+$ line 1
less line 18
line $10+$ line 11
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

Revenues associated with lines 13 thru 18 are to be included in lines 1-9 and total of those rovenues ontored here

14 Income Taxes associated with rovenues in line 15
15 One half margin (line 13 -line 14)/2
16 All expenses (other than income taxes) associated with revenues in line 13 that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue.

7 Line 15 plus line 16
Line 13 less line -17

## See Note 5

Note 1

All revenues related to transmission that are received as a transmission owner (i.e., not received as a LSE), for which the cost of the service is ecovered under this formula, except as specifically provided for elsewhere in this attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on page 2, line 2 of Rate Formula Tomplate.

If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates.

Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on rransmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5)
transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectivoly, products). DLC will retain $50 \%$ of not revenues consistent with Pacific Gas and Eloctric Company, 90 FERC $\$ 61,314$. Note: in order to use lines $15-20$, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (oxcept for the cost of the associated income taxes).
f the facilities associated with the revenues are not included in the formula, the revenue is shown here, but not included in the total above and explained in the Cost Support. For example revenues associated with distribution facilities. In addition Revenues from Schedule 12 are not included in the total above to the extent they are credited under Schedule 12.

## Attachment 1-Revenue Crodit Workpaper

## PATH West Virginia Transmission Company, LLC

Other electric Revenues - includes revenues for various related electricity products/promium services such as surge protectors and appliance guards

All Account 454 and 456 Revenues must be itemized below

| Account 454 |  | Include | \$ |
| :---: | :---: | :---: | :---: |
| Joint pole attachments - telephone |  | Include |  |
| Joint pole attachments - cable |  | Include |  |
| Underground rentals |  | Include |  |
| Transmission tower wireloss rentals |  | Include |  |
| Other rentals |  | Include |  |
| Corporate headquarters sublease |  | Include |  |
| Misc non-transmission rentals |  | Include |  |
| Customer commitment services |  | Include | - |
|  |  | - | - |
|  |  | - | - |
| Total |  | - |  |
| - |  | - | - |
| Account 456 |  | Include |  |
| Other electric revenues |  | Include |  |
| Transmission Rovenue - Firm |  | Include |  |
| Transmission Revenue-Non-Firm |  | Include |  |
|  | - |  |  |
|  | - |  |  |
|  | - |  |  |
| XXXX | - |  |  |
| XXXX | - |  |  |

## zxגx

xxXX
Total
Total Account 454 and 456 included
Payments by PJM of the revenue requirement calculated on Rate Formula Template
Exclude
Total Account 454 and 456 included and oxcluded

## Attachment 1-Revenue Credit Workpaper

## PATH Allegheny Transmission Company, LLC

## Account 454-Rent from Electric Property

4 Rent from FERC Form No. 1 - Not 6
$z$ Other Electric Revenues
3 Schedule 1A
4 PTP Serv rovs for which the load is not induded in the divisor received by TO
5 PJM Transitional Revenue Neutrality (Note 1)
6 PJM Transitional Markot Expansion (Note 1)
7 Professional Services (Note 3)
8 Revenues from Directly Assigned Transmission Facility Charges (Note 2)
9 Rent or Attachment Fees associated with Transmission Facilities (Note 3)

10 Gross Revenue Credits
11 Less line 20
12 Total Revenue Credits
$\qquad$
$\qquad$
$\qquad$

3 Revenues associated with lines 13 thru 18 are to be included in lines 1-9 and total of those revenues entered here

14 Income Taxes associated with revenues in line 15
15 One half margin (line - 13-line 14)/2
16 All expenses (other than income taxes) associated with revenues in line 13 that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue.

## Sum lines 2-9 + line- 1

less line 18
line $10+$ line 11
Seo Note 5

17 Line 15 plus line 16
18 Line 13 less line 17

Note1 All rovenues related to transmission that are recoived as a transmission owner (i.e., not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on page 7, line 2 of Rate Formula Template.

It the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated rovenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated rovenues are not included in the Rates.

Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of way loases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming, grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectively, products). DLC will retain $50 \%$ of net revenues consistent with Pacific Gas and Electric Company, 90 FERC T161,314. Note: in order to use lines 15-20, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (except for the cost of the associated income taxes).

If the facilities associated with the rovenues are not included in the formula, the rovenue is shown hore, but not included in the total above and oxplained in the Cost Support. For oxample revenues associated with distribution facilities. In addition Revenues from Schedule 12 are not included in the total above to the extent they are credited under Schedule 12.

Other electric Revenues - includes rovenues for various related electricity products/promium services such as surge protectors and appliance guards

## Attachment 1-Revenue Credit Workpaper

## PATH Allegheny Transmission Company, LLC

Hote 6
All Account 454 and 456 Revenues must be itemized bolow


## Total Account 454 and 456 included and excluded

Attachment 2 has been removed and intentionally left blank.

## Attachment 3-Calculation of Carrying Charges - PATH West Virginia Transmission Company, LLC

## 4 Galculation of Composite Depreciation Rate

$z$ Transmission Plant @ Beginning of Poriod
3 Transmission Plant @ End of Period
4 Sum
5 Average Balance of Transmission Investment
6 -Depreciation Expense
7 Composite Depreciation Rate
8 Depreciable Lifo for Composito Depreciation Rate
9 Round line 8 to nearest whole year


## Attachment 3-Calculation of Carrying Charges

PATH Allegheny Transmission Company, LLC

## 4 Galculation of Composite Depreciation Rate

2 Transmission Plant @ Beginning of Period
3 Transmission Plant @ End of Period
4 Sum
5 Average Balance of Transmission Investment
6 Depreciation Expense
7 Composite Doprociation Rate
8 Depreciable Life for Composite Depreciation Rate
g Round line 8 to nearest whole year


Attachment 4-Cost Support
PATH West Virginia Transmission Company, LLC
Plant in Service Worksheet


| 33 | December | p205.5.g | 2008 |
| :---: | :---: | :---: | :---: |
| 34 | Intangible Plant In Service | (sum lines 32 \& 33) $/ 2$ |  |
| - |  |  |  |
| 35 | Calculation of General Plant In Service | Source |  |
| 36 | Decomber | P206.99.b | 2007 |
| 37 | December | P207.99.g | 2008 |
| 38 | General Plant In Service | (sum lines 36 \& 37) /2 |  |
| - |  |  |  |
| 39 | Calculation of Production Plant In Service | Source |  |
| 40 | December | p204.46b | 2007 |
| 41 | danuary | company records | 2008 |
| 42 | February | company records | 2008 |
| 43 | March | company records | 2008 |
| 44 | April | company records | 2008 |
| 45 | May | company records | 2008 |
| 46 | March | Attachment 6 | 2008 |
| 47 | April | company records | 2008 |
| 48 | August | company rocords | 2008 |
| 49 | Septomber | company rocords | 2008 |
| 50 | October | company records | 2008 |
| 51 | November | company records | 2008 |
| 52 | December | p205.46.g | 2008 |
| 53 | Production Plant In Service | (sum lines 40-52) /13 |  |





## Attachment 4-Cost Support

PATH West Virginia Transmission Company, LLC


ADJUSTMENTS TO RATE BASE (Note A)

Attachment A Line \#s, Descriptions, Notes, Form 1 Page \#s and Instructions

| - | - | - | Beginning of Year | End of Year | Average Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 117 | Account No. 281 (enter negative) | 273.8.k | - | - |  |
| 118 | Account No. 282 (enter negative) | 275.2.k, WS 4.1-A, Ln 7 | - | - |  |
| 119 | Account No. 283 (enter negative) | 277.9.6, WS 4.1-A, Ln 12 | - | - |  |
| 120 | Account No. 190 | 234.8.6. WS 4.1-A, Ln 2 | - |  |  |



## Attachment 4-Cost Support

PATH West Virginia Transmission Company, LLC


## EPRIDues Cost Support

Attachment A Line \#s, Descriptions, Notes, Form 1 Page \#s and Instructions
Allocated General \& Common Expenses

| - EPRIDues \& Common Expenses |  |  |
| :--- | :--- | :--- |
| $155-\quad$ EPRI Dues | Common Expenses |  |

p352-353 p356

Regulatory Expense Related to Transmission Cost Support

| Attachment A Line \#s, Descriptions, Notes, Form 1 Page \#s and Instructions |  |  |  |  | Form 1 Amount | Transmission Related | Non- transmission Related | Details |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - | Directly Assigned A\&G |  |  |  | - |  |  |  |
| 156 | - Regulatory Commission Exp Account 928 | - | - | p323.189.6 | - | $\longrightarrow$ | - | - |

Attachment 4-Cost Support
PATH West Virginia Transmission Company, LLC

| Attachment A Line \#s, Descriptions, Notes, Form 1 Page \#s and Instructions |  | Form 1 Amount | Safety, Education, Siting \& Outreach Related | Other | Details |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Directly Assigned A\&G |  |  |  |  |
| 157 | - General Advertising Exp Account 930.1 |  | - | - | None |


| Attachment A Line\#s, Descriptions, Notes, Form-1 Page \#s and Instructions |  |  |  | State 1 | State 2 | State 3 | State 4 | State 5 | Weighed A |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Income Tax Rates |  | - |  |  |  |  | - |  |  |
| - |  |  | - | - | WV | - | - |  |  | - |
| 158 | - SIT=State Income Tax Rate or Composite | $-\quad-$ | $-$ | - | 0.000\% | - | - |  | 0.00\% | - |


|  | Attachment A Line \#s, Descriptions, Notes, Form 1 Page \#s and Instructions | Excluded Transmission Facilities | Description of the Facilities |
| :---: | :---: | :---: | :---: |
| - | Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities | - | - |
| 159 | Excluded Transmission Facilities | = | General Description of the Facilities |
| - | Instructions: | Enter \$ | None |
| - |  | - |  |
|  | 2 If unable to determine the investment below 69 kV in a substation with investment of 69 kV and higher as well as below 69 kV , | Or |  |
| - | the following formula will be used: Example | Enter \$ |  |
| - | A Total investment in substation $\quad 1,000,000$ | - |  |
|  | B Identifiable investment in Transmission (provide workpapers) 500000 | - |  |
| - | 6 Identifiable investment in Distribution (provide workpapers) 400,000 | - |  |



## Materials \& Supplies



## Regulatory Asset

Attachment A Line \#s, Descriptions, Notes, Form 1 Page \#s and InstructionsBeginning Balance of Regulatory Assetp111.72.d (and notes)

Months Remaining in Amortization Period
Monthly Amortization
Months in Year to be amortized
Ending Balance of Regulatory Asset
p111.72.6
$\qquad$ (line $164+$ line 168)/2

## Attachment 4-CostSuppor

## PATH West Virginia Transmission Company, LLC



## Detail of Account 566 Miscellaneous Transmission Expenses

Attachment A Line\#s, Descriptions, Notes, Form 1 Page \#s and Instructions

Amortization Expense on Regulatory Asset
Miscellaneous Transmission Expense

## Totat

| - | Total |
| :--- | :--- |
| Footnote Schedule Page |  |
| P320.b. 97 |  |

188
-
189
190
191
192
193
194
195
196
197
198
199

## Galculation of PBOP Expenses

## PATH-WV-AEP Employeos

Fotal PBOP oxpenses $\quad \$ 117,254,159$

Amount relating to retired personnel \$0
Amount allocated on Labor
$\$ 117,254,159$
Labor dollars
-1,151,054,661
$\$ 0.102$
Cost per labor dollar
PATH WV labor (labor not capitalized) curfent year
$\$ 0$
PATH WV PBOP Expense for current year
PATH WV PBOP Expense in Account 926 for current year
$\$ 0$
PBOP Adjustment for Appendix A, Line-50
$\$ 0$
Lines 190-194 cannot change absent approval or acceptance by FERC in a separate proceeding.

## PATH-WV - Allegheny Employees

Total.PBOP oxpenses
Amount relating to retired personnel
$\$ 22,856,433$

Amount allocated on FTEs
\$8,786,372
\$14,070,061
Numbor of FTEs
4,474
Cost per FTE
PATH WV FTEs (labor not capitalized) curfent year
PATH WV PBOP Expense for current year
$\$ 0$
PATH WV PBOP Expense in Account 926 for current year
\$0
PBOP Adjustment for Appendix A, Line 50
Lines 201-205 cannot change absent approval or acceptance by FERC in a separate procooding.

PBOP expense adjustment

## Attachment 4-Cost Support

PATH Allegheny Transmission Company, LLC
Plant in Service Worksheet

| Attachment A Line \#s, Doscriptions, Notes, Form 1 Page \#s and Instructions |  |  |  |  | - | - | - | - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7 | Galculation of Transmission-Plant In Service | Source | Yeaf | Balance | - |  |  |  |  |
| 2 | December | p206.58.b | 2007 | - |  | - |  |  |  |
| 3 | January | company records | 2008 | - |  | - |  |  |  |
| 4 | February | company records | 2008 |  |  | - |  |  |  |
| 5 | March | company records | 2008 |  |  | - |  |  |  |
| 6 | April | company records | 2008 | - |  | - |  |  |  |
| 7 | May | company records | 2008 |  | - |  |  |  | - |
| 8 | dune | company records | 2008 |  |  | - |  |  |  |
| 9 | duly | company records | 2008 |  |  | - |  |  |  |
| 10 | August | company records | 2008 | - |  | - |  |  |  |
| 11 | September | company records | 2008 |  |  | - |  |  |  |
| 12 | Octabor | company records | 2008 |  |  | - |  |  |  |
| 13 | Aovember | company records | 2008 |  |  | - |  |  |  |
| 44 | Docember | p207.58.g | 2008 |  | - |  |  |  | - |
| 15 | Transmission Plant In Service | (sum lines 2-14) /13 |  |  |  | - |  |  |  |
| - |  |  |  |  |  | - |  |  |  |
| 16 | Galculation of Distribution Plant In Service | Source |  |  | - |  |  |  |  |
| 17 | Docomber | p206.75.b | 2007 |  |  | - |  |  |  |
| 18 | danuary | company records | 2008 |  |  | - |  |  |  |
| 19 | February | company records | 2008 |  |  | - |  |  |  |
| 20 | March | company records | 2008 |  |  | - |  |  |  |
| 21 | April | company records | 2008 |  |  | - |  |  |  |
| 22 | Aay | company records | 2008 |  | - |  |  |  | - |
| 23 | June | company records | 2008 |  |  | - |  |  |  |
| 24 | duly | company records | 2008 |  |  | - |  |  |  |
| 25 | August | company records | 2008 |  |  | - |  |  |  |
| 26 | September | company records | 2008 |  |  | - |  |  |  |
| 27 | October | company records | 2008 |  |  | - |  |  |  |
| 28 | Aovember | company records | 2008 |  |  | - |  |  |  |
| 29 | Docomber | p207.75.g | 2008 |  | - |  |  |  | - |
| 30 | Distribution Plant In Service | (sumlines 17-29)/13 |  | - |  | - |  |  |  |
| - |  |  |  |  |  | - |  |  |  |
| 31 | Calculation of Intangible Plant In Service | Source |  |  | - |  |  |  |  |
| 32 | December | 204.5 b | 2007 | $\longrightarrow$ |  | - |  |  |  |


| 33 | December | p205.5.g | 2008 | - |
| :---: | :---: | :---: | :---: | :---: |
| 34 | Intangible Plant In Service | (sum lines 32 \& 33) $/ 2$ |  | - |
| - |  |  |  |  |
| 35 | Galculation of General Plant In Service | Source |  |  |
| 36 | December | 2206.99.b | 2007 |  |
| 37 | Docember | P207.99.g | 2008 |  |
| 38 | General Plant In Service | (sumlines 36 \& 37) $/ 2$ |  |  |
| - |  |  |  |  |
| 39 | Calculation of Production Plant In Service | Source |  |  |
| 40 | Decomber | P204.46b | 2007 |  |
| 41 | danury | company records | 2008 |  |
| 42 | February | company records | 2008 |  |
| 43 | March | company records | 2008 |  |
| 44 | April | company records | 2008 |  |
| 45 | Hay | company records | 2008 |  |
| 46 | March | Atlachment 6 | 2008 |  |
| 47 | April | company records | 2008 |  |
| 48 | August | company records | 2008 |  |
| 49 | September | company records | 2008 |  |
| 50 | October | company records | 2008 | - |
| 51 | November | company records | 2008 |  |
| 52 | December | p205.46.g | 2008 |  |
| 53 | Production Plant In Service | (summlines 40-52)/13 |  | $\longrightarrow$ |

## Attachment 4-Cost Support

PATH Allegheny Transmission Company, LLC



| 81 | June | company records | 2008 |  |
| :---: | :---: | :---: | :---: | :---: |
| 82 | duly | company records | 2008 |  |
| 83 | August | company records | 2008 |  |
| 84 | September | company records | 2008 |  |
| 85 | October | company records | 2008 |  |
| 86 | Hovember | company records | 2008 |  |
| 87 | Decomber | p219.26 | 2008 |  |
| 88 | Distribution Accumulated Dopreciation | (sum lines 75-87) 113 |  |  |
| - |  |  |  |  |
| 89 | Calculation of Intangible Accumulated Depreciation | Source |  |  |
| 90 | December | Prior year p200.21.c | 2007 |  |
| 94 | Decombor | p200.216 | 2008 |  |
| 92 | Accumulated/ntangible Depreciation | (suml lines 90 \& - 91) $/ 2$ |  |  |
| - |  |  |  |  |
| 93 | Calculation of General Accumulated Depreciation | Source |  |  |
| 94 | December | Prior year $\mathbf{p} 219.28$ | 2007 | $\longrightarrow$ |
| 95 | December | p219.28 | 2008 |  |
| 96 | Accumulated General Depreciation | (sum lines 94 \& 95) $/ 2$ |  | $\longrightarrow$ |

## Attachment 4-Cost Support

PATH Allegheny Transmission Company, LLC

| 97 | Calculation of Production Accumulated Depreciation | Source | Year | Balance |
| :---: | :---: | :---: | :---: | :---: |
| 98 | December | Prior year p219 | 2007 |  |
| 99 | danuary | company records | 2008 |  |
| 100 | February | company records | 2008 |  |
| 101 | March | company records | 2008 | - |
| 102 | April | company records | 2008 |  |
| 103 | Alay | company records | 2008 |  |
| 104 | June | company records | 2008 | - |
| 105 | duly | company records | 2008 | - |
| 106 | August | company records | 2008 |  |
| 107 | Septomber | company rocords | 2008 |  |
| 108 | October | company records | 2008 | - |
| 109 | November | company records | 2008 | - |
| 110 | December | p219.20 thru 219.24 | 2008 |  |
| 111 | Production-Accumulated Depreciation | (sum lines 98-110)/13 |  |  |
| - |  |  |  |  |
| 112 | Calculation of Common Accumulated Depreciation | Source |  |  |
| 113 | December (Electric Portion) | p356 | 2007 | - |
| 114 | December (Electric Portion) | p356 | 2008 | - |
| 115 | Common Plant Accumulated Depreciation (Electric Only) | (sum lines 113 \& 114)/2 |  | - |
| 116 | Total/Accumulated Depreciation | (sum) lines 73,88,92,96 |  |  |
| - | - | - |  |  |


("EDIT"). Sum of Accounts 282 and 283 los
Account 190 will sum to PATH-A 4.1 totat.
Other FAS109 does not include EDIT.

| 123 | Monthly Balance | Source | Months Remaining in Amortization Period | Beginning Balance | Amortization Expense (p114.10.c) | Additions (Deductions) | Ending Ba | ance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 124 | December | p111.71.d (and Notes) |  |  |  |  |  |  |
| 125 | January | company records | $\theta$ |  | - | - |  | - |
| 126 | February | company records |  |  | - | - |  | - |
| 127 | March | company records |  |  | - | - |  | - |
| 128 | April | company rocords |  |  | - | - |  | - |
| 129 | May | company rocords |  |  | - | - |  | - |
| 130 | June | company records |  |  | - | - |  | - |
| 131 | July | company records |  |  | - | - |  | - |
| 132 | August | company records |  |  | - | - |  | - |
| 133 | September | company records |  |  | - | - |  | - |
| 134 | October | company records |  |  | - | - |  | = |
| 135 | November | company records p111.71.c (and Notes) |  |  | - | - |  | - |
| 136 | December | Detail on p.230b |  |  | - | - |  | - |
| 137 | Ending Balance-is-13-Month Average Batance | (sumflines 124-136)/13 |  |  | - | - |  | - |
| Note: | resulting from gains or rocovories that excoed the una | d batance are recorded in | FERC Account 254, Ot | gulatory Liabilitios. | Appendix A Line 62 |  | Appendix A | Line 34 |
| 138 | -Prepayments (Account 165) | 111.57.c | - | - | $\theta$ |  |  |  |

Attachment 4-Cost Support
PATH Allegheny Transmission Company, LLC


LAND HELDFOR FUTURE USE

Attachment A Line \#s, Descriptions, Notes, Form 1 Page \#s and Instructions
LAND HELD FOR FUTURE USE
$\qquad$


Regulatory Expense Related to Transmission Cost Support


## Attachment 4-Cost Support

PATH Allegheny Transmission Company, LLC

## Safety Related Advertising, Education and Out Reach Cost Support





| Workpapers) | 500,000 |
| :--- | :--- |
| CIdentifiable investment in Distribution (provide <br> Workpapers) | 400,000 |
| B Amount to be excluded (A) $\times(C /(B+C))$ | 444,444 |



| Regulatory Asset |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Attachment A Line \#s, Descriptions, Notes, Form 1 Page \#s and Instructions | - | - | - | - | - - - - |  | - |
| - |  |  | - |  |  |  | - |
| 164 Beginning Balance of Regulatory Asset | p111.72.d (and notes) | $\longrightarrow$ | - |  | Uncapitalized costs as of date the rates become effective |  | - |
| 165 Months Remaining in Amortization Period |  | 60 | - |  | As approved by FERC |  | - |
| 166 Aonthly Amortization | (line 164-line 168) / 167 | $\longrightarrow$ | - |  |  |  | - |
| 167 Months in Year to be amortized |  | 10 | - |  | Number of months rates are in effect during the calendar year |  | - |
| 168 Ending Balance of Regulatory Asset | p111.72.6 | $\longrightarrow$ | - |  |  |  | - |
| 169 - Average Balance of Regulatory Asset | (line $164+$ line 168)/2 |  | - | - | - - - | - | $-$ |

## Attachment 4-Cost Support

PATH Allegheny Transmission Company, LLC

placed in service

Detail of Account 566 Miscellaneous Transmission Expenses

## Detail Account 66 miscellaneous Transmission Expenses <br> Attachment A Line \#s, Descriptions, Notes, Form 1 Page \#s and Instructions

| 185 | Amortization Expense on Regulatory Asset |  | Total |
| :--- | :--- | :--- | :---: |
| 186 | Aiscellaneous Transmission Expense |  | - |
|  |  |  | Footnote Schedule Page |

PBOPs

$$
\text { Attachment A Line \#s, Doscriptions, Notos, Form } 1 \text { Page \#s and Instructions }
$$

## Calculation of PBOP Expenses

PATH-Allegheny - Allegheny Employees

| Total PBOP expenses | $\$ 22,856,433$ |
| :--- | ---: |
| Amount relating to rotirod personnel | $\$ 8,786,372$ |
| Amount allocated on FTEs | $\$ 14,070,061$ |
| Number of FTEs | 4,475 |
| Cost per FTE | $\$ 3,144$ |
| PATH Allegheny FTEs (labor not capitalized) current year | 4.75 |
| PATH Allegheny PBOP Expense for current year | $\$ 14,936$ |
| PATH Allegheny PBOP Expense in Account 926 for current year | $\$ 14,936$ |
| PBOP Adjustment for Appendix A, Line 50 |  |

PBOP Adjustment for Appendix A, Line 50
Lines 190-194 cannot change absent approval or acceptance by FERC in a separato proceoding.

# Attachment 4.1-Excess \& Deficient ADIT Detail 

## PATH WEST VIRGINIA TRANSMISSIONCOMPANY

Debit(Credit)
 ADIT excess or deficiency that are recorded in each ADIT Utility Deferral Account (the '.1' accounts described in Note A above).



PATHWV
WORKSHEET 4.1-B-X
ADIT REMEASUREMENT WORKSHEET
Debit/(Credit)
\{TAXCHANGE LEGISLATION\}

|  | A | B | G | $\square$ | E | $F=E / C$ | G | $H=E+G$ | 1 | $\mathrm{L}=\mathrm{C}-\mathrm{H}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Line No. |  | Utility Account | XXIXXIXX Preremeasurement Balance | Description / Reference | Remeasurement <br> Amount (NOTE 1) | Remeasurem ent Percentage (NOTE 2) | Adjustment <br> s (NOTE 3) | Total Excess/Defici ency by Account (NOTE 4) | Protected/ Unprotected | ADIT Deferral at XXIXXIXXXX After Remeasurement |
| 4 |  | List ADIT Accounts | \$ | \{DESCRIPTION OF LINE ITEMS | \$ | \% | \$ | \$ |  | \$ |
| $z$ |  |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |
| 44 |  | Total | \$ | (Sum of Lns.) | \$ |  | \$ | \$ |  | \$ |

GENERAL NOTE: This worksheet will summarize remeasurement adjustments in ADIT Accounts required by changes in either Federal or State income Tax Rates. A new sheet will be included in the working formula for each change to tax rates that may occur while this formula rate is in effect

NOTE 1: Amount of Remeasurement in Column E will be based on supporting workpapers showing the remeasurement of individual ADIT items in each tax deferral account, and will indicate whether each remeasured ADIT item will be treated as protected or unprotected. The resulting totals will be shown on this worksheet for each ADIT account.

NOTE 2:
Remeasurement calculation may not equal__ \% of the _\{DATE OF REMEASUREMENT\}_deferral balance because of specific ADIT items that are not subject to remeasurement.

NOTE 3:
[NOTESIEXPLANATIONS OF AMOUNTS REPORTED IN COLUMN G, IF NECESSARY]

NOTE 4:

## Attachment 4.1-Excess\& Deficient ADIT Detail <br> PATH Allegheny Transmission Company,




Deferral of Amortized Excess/Deficient ADITs (NoteH)
-

Fotal 20XX FAS109 (Total of lines 5, 19, 24, 38) (Note H)
Fotal 20XX FAS109 (Attachment 4) (Note-)

Notes:
A Excess/deficient ADIT will be tracked separately for each federalor state tax rate chance to be identified by the appopriate vintage in column $A$. PATH-AYE will modify $A t t a c h m e n t ~ 4.2$ to addan additional pace for each additional vintage without pursuing a Federal Power Act Section 205 filing.
B Upon a tax rate change (federal or state), the Company remeasures its deferred tax assets and liabilities to the new applicable corporate tax rate. For schedule $M$ items not directly taken to the P\&L, the result of this remeasurement is a change to the net deferred tax assets/liabilities recorded in accounts 190 , 282, and 283 with a corresponding change in regulatory assets (account 182.3 ) and regulatory liabilities (account 254 ) to reflect the return of/collection from excess/deficient deferred taxesto/from customers. The remeasurement is effectuated within PowerTax and Tax Provision, which maintain both the timing different and APB11 deferred tax balance (the historical ADIT based on the time difference and the rate in effect when the timing difference occurred). The difference in the wo results is rectassified from $A D I T$ to regulatory assets/liabilities for deficient/excess ADIT. Within the FERC Form 1, deficient and excess ADITs in Account 182.3 and Account 254, respectively are presented grossed up for tax purposes. For ratemaking purposes, these grossed up balances are treated as FAS109 and subsequently removed from rate base, thereby ensuring rate base neutrality for tax rate changes. The Company would follow the process described above to remeasure ADIT balances (increase or decrease) due to any future federal or state income tax rate change.
$\in$ Beginning batance of year is the end of the prior year batance as reflected on FERC Form No. 1, pases 232 (Account 182.3) and 278 (Account 254)
$\square$ In the event the company populates the data enterable fields, it will support the data entered as just and reasonable in its annual update PATH will amortize all excess/deficient amounts in the years noted above.
The amortization will occur through FERC income statement Accounts 410.1. and 411.1
Ending balance of year is the end of current year balance, as reflected on FERC Form No. 1, pages 232 (Account 182.3) and 278 (Account 254)
Reflects the net a mount of amortization from prior period(s) that was booked for GAAP, but deferred for FERC purposes because a mechanism did not exist to pass back/collect excess/deficient ADITs to/from customers, The deferred gross-up for taxes is calculated in Attachment $\Lambda$, line 82 b . The net amortized deferratamount, including the gross-up for taxes, is in Account 254, as reflected on FERC Form No. 1 , page 278 or $A$ ecount 182.3 , as reflected on FERC Form No. 1, page 232.

The amortization gross up for taxes occurs on $A$ Atachment $\Lambda$, line $82 b$
1 Included to demonstrate rate base neutrality. Ties back to FERC Form No. 1 page 232 (Account 182.3) plus page 278 (Account 254).

## Attachment 4,2-Excess-\& DeficientADIT-Detail



## otal Non-Property Related Items:

Net (Excess) Deficient Deferred Income
Taxes (excluding Gross-up)
Net TaxGrossup
Net (Excess) Deficient Deferred Income Taxes (including
Gross-upt


## Atrachment 4,2-Excess \& Deficient ADIT Detail

| COLUMNB | COLUMNE | COLUMND | COLUMNE | COLUMNE COLUMNG |  | COLUMNH | COLUMN | COLUMN - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deferred Tax Asset (Liability) (Note B) |  |  | ADIT Offset to P\& (Note B) | (Excess) Deficient Deferred Income Faxes (Notes B \& C) | (Excess) Deficient Deferred Income Tax Activity post tax remeasurement |  |  |
|  | 12/31/2017 <br> ADIT Balance <br> (Prior to 2017 TCJA) | $\begin{aligned} & 12 / 31 / 2017 \\ & \text { ADIT Balance } \\ & \text { (After 2017 } \\ & \text { TCIA) } \end{aligned}$ | Change in ADIT due to 2017 ICJA | Fax Expense (Benefit) | ADIT Offset to Regulatory Asset (Hiability) $(=(C O 1 . E+$ ColF) $)$ | Other Adjustments Including Gross-up True-ups | 2017 Returnto Acerual Adjustment (Recorded in z018) | (Excess)/Deficient <br> ADIT <br> Iransmission Remeasured Balance (=Col.G +Col. H + Col. H |
| Aon-Property Related Hems; |  |  |  |  |  |  |  |  |
| 190 Accounts |  |  |  |  |  |  |  |  |
| - |  |  | - | - | - | - |  | - |
| Fotal For 190 Accounts: | $=$ | $=$ | - | - | - | - | - | - |
| 282 Accounts |  |  |  |  |  |  |  |  |
| - |  |  | - | - | - | - | - | - |
| Fotal For 282 Accounts: | - | - | - | - | - | - | - | - |
| 283 Aecounts |  |  |  |  |  |  |  |  |
| - |  |  | - | - | - | - |  | - |
| Fotal For 283 Aecounts: | - | - | - | - | - | - | - | - |
| Fotal Non-Property Related Items: |  |  |  |  |  |  |  |  |
| Net (Excess) Deficient Deferred Income Faxes (excluding Gross-up) | - | $=$ | $=$ | $=$ | - | = | - | - |
| Net Tax Gross-up |  |  |  |  | - | - | - | - |
| Net (Excess) Deficient Deferred Income Gross-upl | res (including |  |  |  | - | - | - | - |

## Attachment 4.2-Excess \& Deficient ADIT Detai

Upon atax rate change (federal or state), the Company remeasures its deferred tax assets and liabilities to the new applicable corporate tax rate. For schedule Mitems not directly take accounts 190,282 , and 283 with corresponding change in regulatory assets (account 182.3) and regulatoryliabilities (account 254) to reflect the return of/collection from excess/defic maintain both the timing difference and APB11 deferred tax balance (the historical ADIT based on the timing difference and the rate in effect when the timing difference occurred). The the FERC Form 1, deficient and excess ADITs in Account 182.3 and Account 254, respectively are presented grossed up for tax purposes. For ratemaking purposes, these grossed-up bala rate changes. The company would follow the process described above to remeasure ADIT balances (increase or decrease) due to any future federal or state income tax rate change,

## Attachment 5-Transmission Enhancement Charge Worksheet

PATH West Virginia Transmission Company, LLC

New Plant Carrying Charge

| Formula Line | Hem | - | - |
| ---: | :--- | :--- | :--- |
| 5 | NET REVENUE REQUREMENT | - |  |
| 21 | NET TRANSAISSION PLANT IN SERVICE |  |  |
| 32 | CWIP | - |  |
| 34 | UNAMORTIZED ABANDONED PLANT |  |  |
|  | Carrying charge (line 3/sum of lines 4, 5 and 6 ) |  |  |

$\qquad$

## The FCR resulting from Formula in a given year is used for that year only

Therefore actual revenues collected in a year do not change based on cost data for subsequent years



#### Abstract

Forecast-Forecast of average-13 month current year net transmission plant plus 43-mo CWIP balances. Reconciliation - Average of 13 month prior year net transmission |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| $\theta$ | - | - |  |  |  |  |


## Attachment 5-Transmission Enhancement Charge Workshoet

PATH Allegheny Transmission Company, LLC
"Yes" if a project under PJM OATT Schedule 12, otherwise "No"

New Plant Carrying Charge
(1)
(2)
(3)
(4)
(5)

## The FCR resulting from Formula in a given year is used for that year only.

Therefore actual revenues collected in a year do not change based on cost data for subsequent years


Forecast - Forecast of average 13 month current year net transmission plant plus 13 -mo CWIP balances. Reconciliatio -Average of 13 month prior year net transmission plant balances plus prior year 13 mo CWIP


## Attachment 6 - Financing Costs for Long Term Debt using the Internal Rate of Return Methodology - PATH-WV

HYPOTHETICAL EXAMPLE
PATH anticipates its financing will be a 7 year loan, where by PATH pays Origination Fees of $\$ 7.9$ million and a Commitments Fee of $0.375 \%$ on the undrawn principle.
Consistent with GAAP, PATH will amortize the Origination Fees and Commitments Fees using the standard Internal Rate of Return formula below.
Each year, PATH will true up the amounts withdrawn, the interest paid in the year, Origination Fees, Commitments Fees, and total loan amount on this attachment.
$\square$


| - | 2008 | 2009 | 2010 | 2014 | 2012 | 2013 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HBOR Rate | 4.0610\% | 4.0610\% | 4.0610\% | 4.0610\% | 4.0610\% | 4.0610\% | 4.0610\% |
| Spread | 1.875\% | 1.875\% | 1.875\% | 1.875\% | 1.875\% | 1.875\% | 1.875\% |
| Interest Rate | 5.94\% | 5.94\% | 5.94\% | 5.94\% | 5.94\% | 5.94\% | 5.94\% |


| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (1) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year |  | Capital Expenditures (\$000's) | Principle Drawn In Quarter (\$000's) | Principle Drawn To Date (\$000's) | Interest Expense (\$000's) | Origination Fees (\$000's) | Commitment \& Utilization Fee (\$000's) | $\begin{gathered} \text { Net Cash } \\ \text { Flows (\$000's) } \end{gathered}$ |
| - |  | - |  | - | - | - | - | (D-F-G-H) |
| Prior to 11/2008 |  | - 16,529 |  |  |  |  |  |  |
| 30/11/2008 | Q4 | - 8,923 |  | - | - |  |  | - |
| 15/02/2009 | Q4 | -14,636 | -20,044 | 20,044 | - | 125 |  | -19,919 |
| 15105/2009 | Q2 | -17,119 | -8,560 | 28,604 | 297 |  |  | -8,262 |
| 15108/2009 | Q3 | -46,132 | 23,066 | 51,670 | - 424 |  |  | - 22,642 |
| 15/11/2009 | Q4 | -62,740 | 31,370 | 83,040 | 767 |  |  | -30,603 |
| 15/02/2010 | Q1 | 132,393 | 66,197 | 149,236 | 1,232 | 7,725 | 553 | -56,686 |
| 15/05/2010 | Q2 | 132,393 | 66,197 | 215,433 | 2,215 |  | 491 | -63,490 |
| 15/08/2010 | Q3 | 132,393 | 66,197 | 281,629 | 3,197 |  | 429 | -62,570 |
| 15/11/2010 | Q4 | 132,393 | 66,197 | 347,826 | 4,179 |  | 367 | -61,650 |
| 15/02/2011 | Q1 | 70,588 | 35,294 | 383,120 | 5,162 |  | 305 | - 29,827 |
| 15/05/2011 | Q2 | 70,588 | 35,294 | 418,414 | 5,685 |  | 272 | - 29,336 |
| 15/08/2011 | Q3 | 70,588 | 35,294 | 453,708 | 6,209 |  | 239 | 28,846 |
| 15/11/2011 | Q4 | -70,588 | -35,294 | 489,002 | 6,733 |  | 206 | -28,355 |
| 15/02/2012 | Q1 | - 51,885 | -25,943 | 514,944 | 7,257 |  | 173 | -18,513 |
| 15105/2012 | Q2 | - 51,885 | - 25,943 | 540,887 | 7,642 |  | 148 | -18,152 |
| 15108/2012 | Q3 | -51,885 | - 25,943 | 566,829 | 8,027 |  | 124 | -17,792 |
| 15/11/2012 | Q4 | -51,885 | - 25,943 | 592,772 | 8,412 |  | 100 | - 17,431 |
| 15/02/2013 | Q4 | -11,122 | - 7,228 | 600,000 | 8,797 |  | 76 | - $(1,644)$ |
| 15/05/2013 | Q2 |  |  | 600,000 | 8,904 |  | 69 | $(8,973)$ |
| 15/08/2013 | Q3 |  |  | 600,000 | 8,904 |  | 69 | ( 8,973$)$ |
| 15/11/2013 | Q4 |  |  | 600,000 | 8,904 |  | 69 | $(8,973)$ |
| 15/02/2014 | Q1 |  |  | 600,000 | 8,904 |  | 69 | $(8,973)$ |
| 15/05/2014 | Q2 |  |  | 600,000 | 8,904 |  | 69 | ( 8,973 ) |
| 15/08/2014 | Q3 |  |  | 600,000 | 8,904 |  | 69 | ( 8,973 ) |
| 15/11/2014 | Q4 |  |  | -600,000 | 8,904 |  | -69 | - (8,973) |
| 15102/2015 | Q1 |  |  | 600,000 | 8,904 |  |  | (608,903) |

1-The IRR is the Debt Cost shown on Page 5, Line 118 of Rate Formula Template-
${ }^{2}$-The IRR is a discount rate that makes the net present value of a series of cash flows equal to zero. The IRR equation can only be solved through iterations performed by a computer program (i.e.NPV function with goal sook in a spreadshoet program).

Attachment 6 - Financing Costs for Long Term Debt using the Internal Rate of Return Methodology - PATH-Allegheny
HYPOTHETICAL EXAMPLE
PATH anticipates its financing will be a 7 year loan, where by PATH pays Origination Fees of $\$ 7.9$ million and a Commitments Fee of $0.375 \%$ on the undrawn principle.
Gonsistent with GAAP, PATH will amortize the Origination Foos and Commitments Foos using the standard Internal Rate of Return formula bolow. Each year, PATH will true up the amounts withdrawn, the interest paid in the year, Origination Fees, Commitments Fees, and total loan amount on this attachment.


| - | 2008 | 2009 | 2010 | 2014 | 2012 | 2013 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LIBOR Rate | 4.0610\% | 4.0610\% | 4.0610\% | 4.0610\% | 4.0610\% | 4.0610\% | 4.0610\% |
| Spread | 1.875\% | 1.875\% | 1.875\% | 1.875\% | 1.875\% | 1.875\% | 1.875\% |


| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year |  | $\begin{gathered} \text { Capital } \\ \text { Expenditures ( } \$ 000 \text { 's) } \end{gathered}$ | Principle <br> Drawn In Quarter (\$000's) | Principle Drawn To Date (\$000's) | Interest <br> Expense (\$000's) | Origination Fees (\$000's) | Commitment \& Utilization Fee (\$000's) | Net Cash Flows (\$000's) |
| - | - |  |  |  |  |  |  | (D-F-G-H) |
| Prior to 11/2008 |  | - 8,672 |  |  |  |  |  |  |
| 15/11/2008 | Q4 | - 13,079 |  | - | - |  |  | - |
| 15/02/2009 | Q1 | 18,143 | -19,917 | 19,947 | - | 75 |  | -19,872 |
| 1505/2009 | Q2 | 17,756 | -8,878 | 28,825 | 296 |  |  | -8,582 |
| 15108/2009 | Q3 | 24,818 | 12,409 | -11,234 | - 428 |  |  | -11,981 |
| 15111/2009 | Q4 | 33,644 | -16,822 | -58,056 | 612 |  |  | -16,210 |
| 15102/2010 | Q4 | 33,686 | -16,843 | -74,899 | 862 | - 1,075 | 296 | -11,611 |
| 15/05/2010 | Q2 | 30,717 | 15,359 | 90,258 | 1,112 |  | 280 | -13,967 |
| 15/08/2010 | Q3 | 39,142 | 19,571 | 109,829 | 1,339 |  | 265 | - 17,966 |
| 15/11/2010 | Q4 | 41,965 | 20,983 | 130,811 | 1,630 |  | 247 | -19,106 |
| 15/02/2011 | Q1 | 52,638 | - 26,319 | 157,130 | 1,941 |  | 227 | - 24,150 |
| 15/05/2011 | Q2 | 47,999 | - 24,000 | 181,130 | 2,332 |  | 203 | - 21,465 |
| 15/08/2011 | Q3 | 61,165 | 30,583 | 211,712 | 2,688 |  | 180 | -27,714 |
| 15/11/2014 | Q4 | 65,576 | -32,788 | 244,500 | 3,142 |  | 152 | -28,495 |
| 15102/2012 | Q1 | 29,076 | -14,538 | 259,038 | 3,628 |  | 121 | -10,789 |
| 1505/2012 | Q2 | 26,514 | -13,257 | 272,295 | 3,844 |  | 107 | -9,306 |
| 15108/2012 | Q3 | 33,786 | -16,893 | 289,188 | -4,041 |  | 95 | -12,757 |
| 151115/2012 | Q4 | 21,624 | -10,812 | 300,000 | -4,292 |  | 79 | -6,442 |
| 15102/2013 | Q1 |  |  | 300,000 | -4,452 |  | 69 | - $(4,521)$ |
| 1505/2013 | Q2 |  |  | 300,000 | 4,452 |  | 69 | - (4,521) |
| 15/08/2013 | Q3 |  |  | 300,000 | 4,452 |  | 69 | - (4,521) |
| 15/11/2013 | Q4 |  |  | 300,000 | 4,452 |  | 69 | - (4,521) |
| 15/02/2014 | Q1 |  |  | 300,000 | 4,452 |  | 69 | - (4,521) |
| 15/05/2014 | Q2 |  |  | 300,000 | 4,452 |  | 69 | - $(4,521)$ |
| 1508/2014 | Q3 |  |  | 300,000 | 4,452 |  | 69 | - (4,521) |
| 15/11/2014 | Q4 |  |  | 300,000 | -4,452 |  | 69 | - $(4,521)$ |
| 1502/2015 | Q4 |  |  | 300,000 | -4,152 |  |  | (304,152) |

1-The IRR is the Debt Cost shown on Page 10, Line 118 of Rate Formula Template-
${ }^{2}$-The IRR is a discount rate that makes the net present value of a series of cash flows equal to zero. The IRR equation can only be solved through iterations performed by a computer program (i.e.NPV function with goal sook in a spreadsheot program).

Attachment 7

Potomac-Appatachian Transmission Highline, LLC GALCULATION OF COST OF DEBT AFTER CONSTRUCTION PHASE YEAR ENDED 31/12/2014

## PATH West Virginia Transmission Company, LLC

|  | Unamortized | Unamortized | Unamortizod | Not |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amount | Debt lssue | Debt Promiumt | Losses on | Amount | Effoctive | Annualized |
| Outstanding | Expense | (Discount) | Reacquired Debt | Outstanding | Cost Rate ${ }^{+}$ | Cost |

Debt:
First Mortgage Bonds:

Other Long Term Debt:
$6.600 \%$ Series Medium Term Notes Due $2021 \quad \$ 200,000,000 \quad \$ 1,800,000 \quad \$ \quad \$ 198,200,000 \quad 13,347,503$

## Total Debt

Check with FERC Form 1 B/S pgs 110-113

| $\$ 500,000,000$ | $\$ 4,700,000$ | $\$(2,320,000)$ | $\$$ |  | $\$ 492,980,000$ | $7.035 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\$ 185,750,000$ | $\$(1,131,082)$ | $\$(1,595,909)$ | $\$ 17,075,452$ |  |  |  |

## Development of Effective Cost Rates:

|  |  | $\begin{aligned} & \text { Issue } \\ & \text { Date } \\ & \hline \end{aligned}$ | Alaturity Date | Amount tssued | (Discount) Promium at Issuance | tssuance <br> Expense | Losson Reacquired Debt | Not Proceeds | Net Proceods Ratio | Goupon <br> Rate | Effective Cost Rate | Annual Interest |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FFirst Mortgage Bonds |  |  |  |  |  |  |  |  |  |  |  |  |
| 7.090\% Series Due | 2041 | 01/01/2014 | 30106/2044 | \$ 300,000,000 | \$ (2,400,000) | \$ 3,000,000 | $\longrightarrow$ | \$ 294,600,000 | - 98.2000 | 0.07090 | 7.237\% | \$ 21,270,000 |
| Qthor Long Term Dobt: |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.600\% Series Medium Term Notes | Due 2021 | 01/01/2014 | 06/30/2024 | 200,000,000 | - | 2,000,000 | - | \$ 198,000,000 | - 99.0000 | 0.06600 | 6.734\% | -13,200,000 |
|  |  |  |  | \$ 500,000,000 | $\underline{(2,400,000)}$ | \$ 5,000,000 | - | \$492,600,000 |  |  |  | \$ 34,470,000 |

## The Effective Cost Rate is the Debt Cost shown on Page 5, Line 118 of Rate Formula Template

## Attachment 7

Potomac-Appalachian Transmission Highline, LLC
GALCULATION OF COSTOF DEBT AFTER CONSTRUCTION PHASE

## YEAR ENDED

PATH Allegheny Transmission Company, LLC

## (HYPOTHETICAL EXAMPLE)



## Debt:

First Mortgage Bonds:

Other Long Term Debt:

### 6.600

\% Series Medium Torm Notes Due 2021 \$ 200,000,000 \$1,800,000

| $\$$ | $500,000,000$ | $\$$ | $4,700,000$ | $\$$ | $(2,320,000)$ | $\$$ |  | $\$ 492,980,000$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\$$ | $185,750,000$ | $\$(1,131,082)$ | $\$$ | $(1,595,009)$ | $\$ 17,075,452$ |  |  |  |

Development of Effective Cost Rates:


| $\$ 500,000,000 \quad(2,400,000) \quad \$ 5,000,000 \longrightarrow \$ 492,600,000$ |
| :--- |

[^11]
## PATH West Virginia Transmission Company, LLC

| Hypothetical-Actual Revenue <br> Requirement For Year 2009Availabler May 31, 2010 |
| :---: |



Interest Rate on Amount of Refunds or Surcharges

Over (Under) Recovery Plus Interest

Hypothetical Monthly Interest Rate
0.5500\%
from $35.19 a$

An over or under collection will be recovered prorata over 2009, held for 2010 and returned prorate over 2011

| Calculation of Interest |  |  |
| :---: | :---: | :---: |
| danuary | Year 2009 | $(83,333)$ |
| February | Year 2009 | $(83,333)$ |
| March | Yoar 2009 | (83,333) |
| Aprit | Year 2009 | (83,333) |
| May | Year 2009 | $(83,333)$ |
| dune | Year 2009 | (83,333) |
| duly | Yoar 2009 | $(83,333)$ |
| August | Year 2009 | $(83,333)$ |
| September | Yoar 2009 | (83,333) |
| Octabor | Yoar 2009 | $(83,333)$ |


|  |  | Monthly |
| :---: | :---: | :---: |
| 0.5500\% | \$12.00 | 5,500 |
| 0.5500\% | \$11.00 | 5,042 |
| 0.5500\% | \$10.00 | 4,583 |
| 0.5500\% | \$9.00 | 4,125 |
| 0.5500\% | \$8.00 | 3,667 |
| 0.5500\% | \$7.00 | 3,208 |
| 0.5500\% | \$6.00 | 2,750 |
| 0.5500\% | \$5.00 | 2,292 |
| 0.5500\% | \$4.00 | 1,833 |
| 0.5500\% | \$3.00 | 1,375 |


| November | Year 2009 | $(83,333)$ |
| :--- | :--- | :--- |
| Decomber | Year 2009 | $(83,333)$ |

danuary through Docombor
Year2010 1,035,750

Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months

| January | Year 2011 | $(1,104,110)$ |  |
| :--- | ---: | :--- | ---: |
| February | Year 2011 | $(9,014,851)$ |  |
| Alarch | Year 2011 |  | $(925,101)$ |
| April | Year 2011 |  | $(834,857)$ |
| May | Year 2011 |  | $(744,117)$ |
| June | Year 2011 |  | $(652,879)$ |
| July | Year 2011 |  | $(561,138)$ |
| August | Year 2011 |  | $(468,893)$ |
| September | Year 2011 |  | $(376,140)$ |
| October | Year 2011 |  | $(282,877)$ |
| November | Year 2011 |  | $(189,102)$ |
| December | Year 2011 |  | $(94,810)$ |

Irue-UpAdjustment with Interest
Less Over (Under) Recovery
Total Interest


1,104,110
$1,014,851$
925,101
834,857
744,117
652,879
561,138
468,893
376,140
282,877
189,102
94,810
0

[^12]
## Attachment 8

Potomac-Appatachian Transmission Highline, LLC
Example of Interest Rates and Interest Calculations
PATH Allegheny Transmission Company, LLC


## Interest Rate on Amount of Refunds or Surcharges

Over (Under) Recovery
Plus Interest

## Hypothetical Monthly Interest Rate

Months
Calculated Interes

An over or under collection will be recovered prorata over 2009, held for 2010 and returned prorate over 2011

| Calculation of Interest |  | Monthly |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| danuary | Year 2009 | $(83,333)$ | 0.5500\% | \$12.00 | 5,500 | -88,833 |
| February | Year 2009 | $(83,333)$ | 0.5500\% | \$11.00 | 5,042 | -88,375 |
| Aarch | Yoar 2009 | $(83,333)$ | 0.5500\% | \$10.00 | - 4,583 | -87,917 |
| April | Year 2009 | $(83,333)$ | 0.5500\% | \$9.00 | -4,125 | -87,458 |
| May | Year 2009 | $(83,333)$ | 0.5500\% | \$8.00 | 3,667 | 87,000 |
| June | Year 2009 | $(83,333)$ | 0.5500\% | \$7.00 | 3,208 | -86,542 |
| duly | Year 2009 | $(83,333)$ | 0.5500\% | \$6.00 | 2,750 | -86,083 |
| August | Year 2009 | $(83,333)$ | 0.5500\% | \$5.00 | 2,292 | -85,625 |
| September | Year 2009 | $(83,333)$ | 0.5500\% | \$4.00 | -1,833 | -85,167 |


| October | Year 2009 | $(83,333)$ |
| :--- | :--- | :--- |
| November | Year 2009 | $(83,333)$ |
| December | Year 2009 | $(83,333)$ |

danuary through Docomber
Year 2010
$1,035,750$

Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months

| January | Year 2011 | (1,104,110) |
| :---: | :---: | :---: |
| February | Yoar 2011 | $(1,044,851)$ |
| March | Year 2011 | $(925,101)$ |
| April | Year 2011 | $(834,857)$ |
| Hay | Yoar 2011 | $(744,117)$ |
| June | Year 2011 | $(652,879)$ |
| duly | Year 2011 | $(561,138)$ |
| August | Year 2011 | $(468,893)$ |
| September | Year 2011 | $(376,140)$ |
| October | Year 2011 | $(282,877)$ |
| November | Yoar 2011 | $(189,102)$ |
| Decemb | Year 201 | (94,810) |

True-Up Adjustment with Interest
Less Over (Under) Recovery
Total Interest

| 84,708 |
| ---: |
| 84,250 |
| 83,792 |
| 1035750 |

$-\quad 1,104,110$


## Potomac-Appalachian Transmission Highline, LLC

Attachment 9 - Hypothetical Example of Final True-Up of Interest Rates and Interest Calculations for the Construction Loan

Applicable to both PATH West Virginia Transmission Company, LLC \& PATH Allegheny Transmission Company, LLC

## To be Prepared on 8/15/2013 (hypothetical date)




## Calculation of Interest for 2008 True-Up Period

An over or under collection will be recovered prorata over 2008, held for 2009,2010,2011, 2012,2013 and returned prorate over 2014

| January | Year 2008 | - | 0.5500\% | 12.00 | - |  | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| February | Year 2008 | - | 0.5500\% | 11.00 | - |  | - |
| Harch | Yoar 2008 | 10,000 | 0.5500\% | 10.00 | (550) |  | -(10,550) |
| April | Year 2008 | 10,000 | 0.5500\% | 9.00 | (495) |  | $(10,495)$ |
| May | Year 2008 | 10,000 | 0.5500\% | 8.00 | (440) |  | $(10,440)$ |
| June | Year 2008 | 10,000 | 0.5500\% | 7.00 | (385) |  | $(10,385)$ |
| July | Year 2008 | 10,000 | 0.5500\% | 6.00 | (330) |  | (10,330) |
| August | Year 2008 | 10,000 | 0.5500\% | 5.00 | - ${ }^{(275)}$ |  | $(10,275)$ |
| September | Year 2008 | 10,000 | 0.5500\% | 4.00 | (220) |  | (10,220) |
| Datober | Year 2008 | 10,000 | 0.5500\% | 3.00 | - (165) |  | $(10,165)$ |
| November | Year 2008 | 10,000 | 0.5500\% | 2.00 | (110) |  | (10,110) |
| December | Year 2008 | 10,000 | 0.5500\% | 1.00 | - (55) $^{\text {a }}$ |  | $(10,055)$ |
|  |  |  |  |  | $(3,025)$ |  | $(103,025)$ |
| - |  |  |  |  |  |  |  |
|  |  |  |  |  | Annual |  |  |
| danuary through |  |  |  |  |  |  |  |
| December <br> danuary through | Year 2009 | (103,025) | 0.5600\% | 12.00 | $(6,923)$ |  | (109,948) |
| December danuary through | Year 2010 | $(109,948)$ | 0.5400\% | 12.00 | ( 7,125 |  | $(117,073)$ |
| December <br> danuary through | Year 2014 | (117,073) | 0.5800\% | 12.00 | (8,148) |  | $(125,221)$ |
| Docombor <br> danuary through | Yoar 2012 | (125,221) | 0.5700\% | 12.00 | - (8,565) |  | (133,786) |
| December | Year2013 | $(133,786)$ | 0.5700\% | 12.00 | (9,151) |  | -(142,937) |
| Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months |  |  |  |  | Monthly |  |  |
| January | Year 2014 | 142,937 | 0.5700\% |  | (815) | $(12,357)$ | (131,395) |
| February | Year 2014 | 131,395 | 0.5700\% |  | (749) | $(12,357)$ | (119,786) |
| Harch | Yoar 2014 | 149,786 | 0.5700\% |  | - ${ }_{(68)}$ | (12,357) | $(108,112)$ |
| April | Year 2014 | 108,112 | 0.5700\% |  | (616) | $(12,357)$ | $(96,371)$ |
| May | Year 2014 | 96,371 | 0.5700\% |  | (549) | (12,357) | $(84,563)$ |
| June | Year 2014 | 84,563 | 0.5700\% |  | (482) | $(12,357)$ | $(72,687)$ |
| July | Year 2014 | 72,687 | 0.5700\% |  | (414) | (12,357) | $(60,744)$ |
| August | Year 2014 | 60,744 | 0.5700\% |  | (346) | $(12,357)$ | $(48,733)$ |
| September | Foar 2014 | 48,733 | 8.5700\% |  | - ${ }^{(278)}$ | $(12,357)$ | $(36,653)$ |



## Potomac-Appałachian Transmission Highline, LLC

Attachment 9 - Hypothetical Example of Final True-Up of Interest Rates and Interest Calculations for the Construction Loan

Applicable to both PATH West Virginia Transmission Company, LLC \& PATH Allegheny Transmission Company, LLC



## Calculation of Interest for 2010 True-Up Period <br> An over or under collection will be recovered prorata over 2010, held for 2011, 2012, 2013 and returned prorate over 2014

Monthly

| January | Year 2010 | 8,333 | 0.5400\% | 12.00 | (540) |  | $(8,873)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| February | Yoar 2010 | 8,333 | 0.5400\% | 11.00 | (495) |  | $(8,828)$ |
| March | Year 2010 | 8,333 | 0.5400\% | 10.00 | (450) |  | $(8,783)$ |
| Aprit | Yoar 2010 | 8,333 | 0.5400\% | 9.00 | (405) |  | $(8,738)$ |
| May | Year 2010 | 8,333 | 0.5400\% | 8.00 | (360) |  | $(8,693)$ |
| June | Yoar 2010 | 8,333 | 0.5400\% | 7.00 | (315) |  | $(8,648)$ |
| July | Year 2010 | 8,333 | 0.5400\% | 6.00 | (270) |  | $(8,603)$ |
| August | Yoar 2010 | 8,333 | 0.5400\% | 5.00 | (225) |  | $(8,558)$ |
| September | Year 2010 | 8,333 | 0.5400\% | 4.00 | (180) |  | $(8,513)$ |
| Octaber | Yoar 2010 | 8,333 | 0.5400\% | 3.00 | (135) |  | $(8,468)$ |
| November | Year 2010 | 8,333 | 0.5400\% | 2.00 | (90) |  | $(8,423)$ |
| Docomber | Yoar 2010 | 8,333 | 0.5400\% | 1.00 | (45) |  | $(8,378)$ |
| - |  |  |  |  | $(3,510)$ |  | $(103,510)$ |
| - |  |  |  |  |  |  | - |
| - |  |  |  |  | Annual |  | - |
| - |  |  |  |  |  |  | - |
| danuary through Docomber | Year 2014 | $(103,510)$ | 0.5800\% | 12.00 | $(7,204)$ |  | $(110,714)$ |
| January through Docember | Year 2012 | $(110,714)$ | 0.5700\% | 12.00 | $(7,573)$ |  | $(118,287)$ |
| January through December | Year 2013 | $(118,287)$ | 0.5700\% | 12.00 | $(8,091)$ |  | $(126,378)$ |
| - |  |  |  |  |  |  | - |
| - |  |  |  |  |  |  | - |
| Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months |  |  |  |  | Monthly |  | - |
| January | Year 2014 | 126,378 | 0.5700\% |  | (720) | $(10,926)$ | $(116,173)$ |
| February | Year 2014 | 116,173 | 0.5700\% |  | (662) | $(10,926)$ | (105,909) |
| March | Year 2014 | 105,909 | 0.5700\% |  | (604) | $(10,926)$ | $(95,587)$ |
| April | Year 2014 | 95,587 | 0.5700\% |  | (545) | $(10,926)$ | $(85,206)$ |

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## Potomac-Appalachian Transmission Highline, LLC

## Attachment 9-Hypothetical Example of Final True-Up of Interest Rates and Interest Calculations for the Construction Loan

Applicable to both PATH West Virginia Transmission Company, LLC \& PATH Allegheny Transmission Company, LLC


| April | Year 2014 | 268,774 | 0.5700\% | $(1,532)$ | (30,721) | (239,585) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hay | Year 2014 | 239,585 | 0.5700\% | (1,366) | (30,721) | (210,229) |
| June | Year 2014 | 210,229 | 0.5700\% | $(1,198)$ | (30,721) | $(180,706)$ |
| July | Year 2014 | 180,706 | 0.5700\% | $(1,030)$ | (30,721) | $(151,015)$ |
| August | Year 2014 | 151,015 | 0.5700\% | (861) | (30,721) | $(121,154)$ |
| September | Year 2014 | 121,154 | 0.5700\% | (691) | (30,721) | (-91,123) |
| October | Year 2014 | 91,123 | 0.5700\% | (519) | $(30,721)$ | (60,921) |
| Nowember | Year 2014 | 60,921 | 0.5700\% | (347) | (30,721) | $(30,547)$ |
| Decomber | Year 2014 | 30,547 | 0.5700\% | (174) | (30,721) | $\theta$ |
|  |  |  |  | $(13,303)$ |  |  |
| Total Amount of True-Up Adjustment for 2011 ATRR |  |  |  | \$ $(368,657)$ |  |  |
| Less Over (Under) Recovery Total Interest |  |  |  | $\begin{aligned} & \$ 300,000 \\ & \$(68,657) \end{aligned}$ |  |  |

## Calculation of Interest for 2012 True-Up Period

An over or under collection will be recovered prorata-over 2012, held for 2013 and returned prorate over 2014


Sentomber


## Potomac-Appalachian Transmission Highline, LLC

## Attachment 10 -Depreciation Accrual Rates

## Applicable to PATH West Virginia Transmission Company, LLC



Total-General Plant Depreciation Expense (must tie to p336.10.b \& - - )

INTANGIBLE PLANT

Total Intangible Plant

$\square$

## Potomac-Appalachian Transmission Highline, LLC

Attachment 10-Depreciation Accrual Rates

## Applicable to PATH Allegheny Transmission Company, LLC

| -2 |
| :--- | :--- | :--- | :--- | :--- |

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Office Furniture \& Equipment
Information Systems

Data Handling

Transportation Equipment
Other
Autos
Light Trucks
Medium Trucks
Trailers
ATV

Stores Equipment

Tools, Shop \& Garage Equipment

Laboratory Equipment

Power Operated Equipment

Communication Equipment

Aiscellaneous Equipment



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Theso depreciation rates will not change absent the appropriate filing at FERC.

## ATTACHMENT H-19B

[Not Used]

## FORMULA RATE IMPLEMENTATION PROTOCOLS

## I. Definitions

A. "Accelerated True up Adjustment" means an election by PATH to apply the difference between the Projected Transmission Revenue Requirement for a Rate Year and the Revised Projected Transmission Revenue Requirement, if any, for the same Rate Year as a credit to the Projected Transmission Revenue Requirement for the next succeeding Rate Year, which credit shall include interest as determined in accordance with Section IV of these Protocols (e.g., PATH provides its original estimate for the 2010 Projected Transmission Revente Requirement on September 1, 2009, but during the course of the 2010 Rate Year, PATH determines that the original estimate exceeds the Revised Projected Transmission Revenue Requirement for the 2010 Rate Year and elects to apply an Accelerated True-up Adjustment as a credit, together with interest, to the 2011 Projected Transmission Revenue Requirement).
B. "Actual Transmission Revenue Requirement" means the net revenue requirement calculated and posted on the PJM website no later than Jume 1 of each year subsequent to ealendar year 2008 for the immediately preceding calendar year in accordance with PATH's Formula Rate and based upon PATH's actual costs and expendittres, and which shall be shown on page 1 , line 6 of the Formula Rate.
C. "Annual Update" means the informational filing submitted by PATH on June 1 of each calendar year subsequent to calendar year 2008 pursuant to Section HI of these Protocols.
B. "Discovery Period" means the period immediately following the Publication Date for the Initial Anntal Update or the Annmal Update, as applicable, for serving Information Requests purstant to Section VI of these Protocols.
E. "Formal Challenge" means a filing made by an Interested Party to the FERC in accordance with the terms of Section VI of these Protocols, and which shall include the information required under 18 C.F.R. § 385.206 (b)(1), (2), (3), (4) and (7).
F. "Formmla Rate" means the cost of service template and associated attachments shown in Attachment H-19A.
G. "Initial Anmaal Update" means the informational filing submitted by PATH on September 2, 2008, purstrant to Section II of the Protocols.
H. "Interested Party" means an entity that is or may become a customer taking transmission service under this Tariff, a state public utility commission or state consumer advocate ageney in Maryland, Pennsylvania, Virginia, West Virginia, Delaware, New Jersey or the District of Columbia, or any entity having standing under Section 206 of the Federal Power Act.
I. "Material Accounting Change" means any (i) change in PATH's accounting policies and practices (as such changes are defined by the Statement of Financial Accounting Standards No. 154 issued by the Financial Accounting Standards Board or its successor), or (ii) change in PATH's inter corporate cost allocation policies or practices from those policies and/or practices in effect for the Rate Year upon which the immediately preceding Annual Update was based, which change causes a result under the Formula Rate different than the result under the Formula Rate as caleulated without such change.
J. "Publication Date" means:

- with respect to the Initial Annual Update, September 2, 2008,
- with respect to the filing and posting of each Anntal Update, June 1 of each year, and
- with respect to the posting of the Projected Transmission Revenue Requirement, September 1 of each year following calendar year 2008;
- provided, however, that if the date for making any posting or filing required under these Protocols should fall on a weekend or a holiday recognized by the FERC, then the posting or filing shall be due on the next business day and the "Publication Date" shall correspond to the actual posting or filing date.
K. "Preliminary Challenge" means a written notice delivered to PATH during the Review Period which specifies an Interested Party's challenge to the Anntal Update or Projected Transmission Revenue Requirement purstant to Section VII of these Protocols.
L. "Projected Transmission Revenue Requirement" means the projected net revente requirement, shown on summary page 1 , line 6 of the Formula Rate and calculated for the fortheoming Rate Year, which includes, where applicable, the most recently calculated True-up Adjustment and interest on such True-up Adjustment amount.
M. "Protocols" means these Formula Rate Implementation Protocols.
N. "Rate Year" means the period that corresponds to the calendar year during which charges are assessed under the Formula Rate populated with imputs set forth in any given calendar year's Projected Transmission Revenue Requirement.
O. "Review Period" means the period immediately following the Publication Date for the Initial-Anmal-Update of the Anntal-Update, as applieable, for reviewing these informational filings for any given year pursuant to Section VI of these Protocols.
P. "Revised Projected Transmission Revente Requirement" means the most recent Projected Transmission Revenue Requirement which has been revised to include current forecasted reventes for that Rate Year which is the subject of such Projected Transmission Revenue Requirement.
Q. "True-up Adjustment" means the difference between the Projected Transmission Revente Requirement, or Revised Projected Transmission Revente Requirement, as the ease may be, for a Rate Year and the Actual Transmission Revente Requirement for the same Rate Year, calculated without interest, and provided in the Anmmal Update on June

1 of the year subsequent to the Rate Year, in accordance with Section III of these Protocols, and implemented in accordance with Section IV of these Protocols.

## H. Formula Rate

A. Formula Rate inputs for (i) rate of return on common equity, (ii) "Post Employment Benefits other than Pension" pursuant to Statement of Financial Accounting Standards No. 106, Employers' Accounting for Postretirement Benefits Other Than Pensions ("PBOP") charges, (iii) extraordinary property losses, and (iv) depreciation and/or amortizations shall be stated values to be used in the Formula Rate until changed purstant to a Federal Power Act Section 205 or 206 filing.
B. An applieation under Section 205-or 206 that is limited to modifieation of the stated values for depreciation rates or PBOP expense under the Formula Rate shall not be deemed to constitute an open review of other components of the Formula Rate, except to the extent of necessary conforming changes.
C. Any modification to the Formula Rate shall be made through a Federal Power Act Section 205 or Section 206 filing, and not through the Initial Annual Update, a subsequent Anmual Update, a Preliminary Challenge, a Formal Challenge or a True-up Adjustment.

## H. Anntal Update and Meeting

A. Initial Annual Update
(1) On September 2, 2008, PATH shall submit its Initial Annual Update as an informational filing to FERC and shall post the same on the PJM website, Www.PJM.com. The Initial Annmal Update shall, to the extent specified in the Formula Rate, be based upen projected costs for the 2009 Rate Year calculated pursuant to the Formula Rate, but the Initial Annual Update shall not include a True up Adjustment.
B. Anmal Update
(1) On June 1 of each year subsequent to calendar year 2008, PATH shall submit its Annual Update as an informational filing to FERC and shall post the same on the PJM website. The Annual Update shall caleulate PATH's Actual Transmission Revenue.

Requirement for the preceding Rate Year1 in accordance with the terms of the Formula Rate and these Protoeols, as well as a Trte up Adjustment for the preceding Rate Year.
(2) The Actual Transmission Revente Requirement shall be based on PATH's books and records which reflect data properly recorded in:
(a) PATH's FERC Form No. 1 report (to the extent the Formula Rate specifies FERC Form No. 1 data as the imput sourees); and
(b) FERC's Uniform System of Accounts,
as each exists as of the last day of the preceding Rate Year.
(3) The Annual Update shall:
(a) provide supporting documentation for data not otherwise available in the FERC Form No. 1 that are used in the Formula Rate;
(b) provide sufficient information, including all workpapers necessary to explain any changes made since the last Annwal Update, to enable any Interested Party to replicate the calculation of the Formula Rate results from FERC Form No. 1 and other applicable accounting inputs and to compare the calculation to that of prior years;
(c) identify any changes to the FERC Form No. 1 page or line numbers as referenced in the Formula Rate;
(d) identify all adjustments made to the FERC Form No. 1 data in determining Formula Rate inputs, including relevant footnotes to the FERC Form No. 1 and any adjustments not shown in a FERC Form No. 1 footnote;
(e) include an Operations and Maintenance (O\&M) report for PATH-WV and PATH-Allegheny provided in the format of the templates shown as Exhibit Nos. 5 and 6 to the Settlement filed on December 10, 2008 in Docket No. ER08-386;
(f) include an historical Capital investment report for PATH-WV and PATHAllegheny provided in the format of the template shown as Exhibit Nos. 7 and 8 to the Settlement filed on December 10, 2008 in Docket No. ER08-386.

1 Since the first year of this rate schedule (i.e. 2008) is a partial Rate Year, the initial Projected Transmission Revenue Requirement, as set forth in PATH's original application filed on December 28, 2007, with the FERC, Docket No. ER08 386-000, will be divided by the number of months the rate is in effect to caleulate the projected cost of service to be collected each month of the first Rate Year. The first True up Adjustment under these Protocols will be calculated in Jtme 2009 based upon such initial Projected Transmission Revente Requirement and the Anmwal Update filed/posted on June 1, 2009.
(g) describe those factors causing any change in the Actual Transmission Reventle Requirement, including identification of any charges under the Formula Rate which materially differ from those under the preceding Anmwal Update and a detailed explanation of the primary reason(s) for the differences, if any, between the Annual Update and the prior year's Annual Update; and
(h) provide notice of Material Accounting Changes, which may incorporate by reference applicable disclostre statements filed with the Seetrities and Exehange Commission.
C. Open Meeting and Formula Rate Data
(1) Within two business days of the Publication Date, PATH shall provide notice on PJM's website of the time, date and location of an open meeting among Interested Parties. The 2008 open meeting shall permit PATH to explain and-clarify, and shall provide Interested Parties an opportunity to seek information and elarification concerning, the Initial Anmual Update. Each subsequent open meeting shall permit PATH to explain and clarify, and shall provide Interested Parties an opportunity to seek information and clarification concerning the Anmual Update, the Actual Transmission Revenue Requirement, the True-up Adjustment, input data and cost detail. The open meeting shall be held no earlier than thirty (30) and no later than sixty (60) days after each year's Publication Date.
(2) PATH will, on a best efforts basis, notify each of the parties to FERC Docket No. ER08-386-000 each year by electronic mail (to the extent that current electronic mail addresses are available to PATH) that the Initial Anmaal Update or subsequent Anmaal Update has been posted and describe the time and location of the open meeting to explain the Initial Anmtal Update or subsequent Anmmal Update, as applicable.
(3) Within five calendar days of the Publication Date, PATH will send a workable Excel file containing data for the Formula Rate populated with inputs for the Actual Transmission Revente Requirement for the preceding Rate Year to the attention of the Executive Secretary and General Counsel of the state utility commissions of Maryland, Pennsylvania, Virginia and West Virginia. Upon written request by any party to FERC Doeket No. ER08-386-000 or any Interested Party, PATH will promptly make available to such entity and/or a consultant designated by it, a "workable" Excel file containing the same data, provided that the party has provided PATH with a current electronic mail address.
D. Actual Transmission Revenue Requirement

It is the intent of the Formula Rate, including the supporting explanations and allocations described therein, that each input to the Formula Rate for purposes of the Actuat Transmission Revente Requirement, will be taken directly from the FERC Form No. 1 by the application of clearly identified and supporting information, or where the reconciliation is provided through a worksheet, the worksheet will be included in the filed

Formula Rate template. The imputs to the worksheet must meet this transparency standard.

## IV. Projected Transmission Revenue Requirement, Implementation of True-up Adjustment and Meeting

A. On September 1 of each year subsequent to calendar year 2008, PATH shall post its Projected Transmission Revente Requirement for the subsequent Rate Year. In the event of an Accelerated True-up Adjustment, such posted Projected Transmission Revenue Requirement shall include a posting of the supporting Revised Projected Transmission Revenue Requirement. The Projected Transmission Revenue Requirements applicable under the Formula Rate shall be applicable to services on and after Jantary 1 of any Rate Year.
B. The Projected Transmission Revenue Requirement (shown on page 1, line 6 of the Formula Rate) for any Rate Year shall be the sum of the projected revenue requirement for such Rate Year plus the most recently calculated (i) True-up Adjustment with interest (included on pages 2 and 7, line 3 of the Formula Rate), and (ii) Accelerated True-mp Adjustment, if any, with interest (included on pages 2 and 7 , line 4 of the Formula Rate).
(1) Interest on any True-up Adjustment or Accelerated True-up Adjustment shall be based on the Commission's interest rate on refunds (18 C.F.R § 35.19a). The interest payable shall be calculated as follows:
(a) Absent an Accelerated True-up Adjustment, the average of the interest rates will be used to calculate the time value of money for the period that True-up Adjustment exists. The interest rate to be applied to the True-up Adjustment will be determined using the average rate for the twenty (20) months preceding September of the current year.
(b) In the event of an Accelerated True-up Adjustment, the average of the interest rates will be used to calculate the time value of money for the period that the Accelerated True-up Adjustment exists. The interest rate to be applied to the Accelerated True-up Adjustment will be determined using the average rate for the eight (8) months preceding September of the then current year.
(2) PATH shall perform, upon expiration of the term of any construction loan for PATH-WV and PATH-Allegheny, a final calculation of interest rates, interest ealeulations, and other expenses associated with the construction loan to ensure that the interest rate for each and every Rate Year, or portion thereof, of the construction loan term matches both: (i) the actual interest rate and expenses of the construction loan, as ealeulated purstant to the internal rate of rettrn method, and (ii) other actual expenses associated with the construction loan. The results of such final calculation of interest rates, interest calculations, and other expenses associated with the construction loan shall be included in the Anmual Update immediately following the expiration of the eonstruction loan.
(3) The following example is an illustration of the Projected Transmission Revenue Requirement and its incorporation of the True up Adjustment plus interest and Accelerated True -up Adjustment, if any, plus interest.

Example for 2009 Projected Transmission Revenue Requirement
In September 2008, the 2009 Projected Transmission Revente Requirement will be projected for the purpose of deriving 2009 estimated charges under the Formula Rate. In June 2010, the 2009 Actual Transmission Revenue Requirement calculated in accordance with the Formula Rate, will be compared to the 2009-Projected Transmission Revente Requirement to derive the 2009-Trueup Adjustment. PATH will post all information as more particularly described in these Protocols, relating to the 2009 True-up Adjustment no later than June 1, 2010, affording all interested parties at least seven months to review these calculations. The interest rate to be applied to the 2009 True-up Adjustment will be the average monthly FERC rate of return on refunds in effect from January 1, 2009 through August 31, 2010. The 2009 True-up Adjustment with interest will be included on pages 2 and 7, line 3 of the Formula Rate of the Projected Transmission Revenue Requirement for the 2011 Rate Year and estimated charges for the 2011 Rate Year will be made available to customers by September 1, 2010. The Projected Transmission Revenue Requirement for the 2011 Rate Year will take effect on January 1, 2011.

In the event PATH determines that the 2009 Projected Transmission Revenue Requirement exceeds the Revised Projected Transmission Revenue Requirement for 2009, PATH may elect to apply such Accelerated True-up Adjustment to the 2010 Rate Year. The interest rate to be applied will be the average monthly FERC interest rate on refunds in effeet frem Jantary 1, 2009 through August 31, 2009. This 2009 Accelerated True-up Adjustment will be included on pages $Z$ and 7, line 4 of the Formula Rate in the Projected Transmission Revenue Requirement for 2010 and estimated charges will be made available to customers by September 1, 2009. New charges will take effect on Jantary 1, 2010. Given that any Accelerated True-up Adjustment for 2009 will be based on forecasted results, a final adjustment will be calculated in June 2010. The Revised Projected Transmission Revente Requirement for 2009 will be compared to Actual Transmission Revente Requirement for 2009 caleulated in accordance with the Formula Rate for purposes of caleulating the 2009-True-up Adjustment. The 2009-True-up Adjustment will be ineluded in the Projected Transmission Revente Requirement for 2011 and estimated charges that take effect on Jantary 1, 2011.
C. Within two business days of the Publication Date for the Projected Transmission Revenue Requirement for the 2010 Rate Year and each stubsequent Rate Year, PATH shall provide notice on PJM's website of the time, date and location of an open meeting among Interested Parties. The open meeting shall permit PATH to explain and clarify, and shall provide Interested Parties an opportunity to seek information and clarification eoncerning the Projected Transmission Revente- Requirement, inelusive of any posted Revised Projected Transmission Revenue Requirement. The open meeting shall be held no earlier than thirty ( 30 ) and no later than sixty ( 60 ) days after each year's Publication Date with respect to the Projected Transmission Revenue Requirement.
D. PATH will, on a best efforts basis, notify each of the parties to FERC Docket No. ER08-386-000 each year by electronic mail (to the extent that current electronic mail addresses are available to PATH) that the Projected Transmission Revenue Requirement has been
posted and describe the time and location of the open meeting to explain the Projected Transmission Revenue Requirement.
E. Within five calendar days of the Publication Date with respect to the Projected Transmission Revente Requirement, PATH will send a workable Excel file containing data for that Formula Rate populated with imputs for the Projected Transmission Revenue Requirement for the subsequent Rate Year, inclusive of any posted Revised Projected Transmission Revenue Requirement, to the attention of the Executive Secretary and General Counsel of the state utility commissions of Maryland, Pennsylvania, Virginia and West Virginia. Upon written request by any party to FERC Docket No. ER08-386000 or any Interested Party, PATH will promptly make available to such entity and/or a consultant designated by it, a "workable" Excel file containing they same data, provided that the party has provided PATH with a current electronic mail address.

## V. Construction-Work in Progress

A. Accounting. For each transmission project listed on Attachment 5 of the Formula Rate for which PATH, or one of its operating companies, has received FERC approval or authorization for incentive rate treatment and recovery of 100 percent of Construction Work in Progress ("CWIP"), PATH shall use the following accounting procedures to ensure that PATH does not also recover an Allowance for Funds Used During Construction("AFUDC") for such project.
(1) PATH shall assign each such project a unique Funding Project Number ("FPN") for internal cost tracking purposes.
(2) PATH shall record actual construction costs to each FPN through work orders that are coded to correspond to the FPN for each such project, which work orders shall be segregated from work orders for any other projects of PATH.
(3) For each such project, PATH shall prepare monthly work order summaries of eosts incurred under the associated FPN. These summaries shall show monthly additions to CWIP and plant in service and shall correspond to amounts recorded in PATH's FERC Form No. 1. PATH shall use these summaries as data inputs into Attachment 5 of the Formula Rate. PATH shall make such work order summaries available upen request under the review procedures of Section VI.
(4) When any such project, or portion thereof, is placed into service, PATH shall deduct from total CWIP the accumulated charges for work orders under the FPN for the project, or portion thereof. The purpose of this control process is to ensure that expenditures are not double counted as both CWIP and as additions to plant.
B. Anntal Reporting. PATH shall file a report with the Commission at the time of PATH's Anmal Update that shall inelude the following information:
(1) the actual amount of CWIP recorded;
(2) any amounts recorded in related FERC accounts or subaccounts, such as AFUDC and regulatory liability;
(3) the resulting effect on the CWIP revenue requirement;
(4) a statement of the eurrent status of each project; and
(5) the estimated in-service date for each project.

## VI. Annual Review Procedures

A. Each Anntal Update filed/posted on Jtne 1 of each year subsequent to calendar year 2008 shall be subject to the following review procedures, which procedures may also address PATH's Projected Transmission Revenue Requirement posting as provided herein. For purposes of Sections VI and VII of these Protocols, Projected Transmission Revente Requirement means and includes any Revised Projected Transmission Revente Requirement posted with such Projected Transmission Revenue Requirement. The Initial Annwal Update filed/posted on September 2, 2008 shall be subject to these same review procedures except that the Discovery Period and the Review Period shall commence on September 2, 2008 and the respective time periods for the Discovery Period and Review Period for the Initial Annual Update shall be thirty (30) days less than the time periods set forth below.
B. The Review Period shall commence upon the Publication Date of the Anmual Update. Interested Parties shall have the right to review the calculations and inputs of the Anmual Update and the Projected Transmission Revente Requirement. The Review Period shall fun for one hundred and eighty (180) days, but shall be extended by fifteen (15) days upon the receipt by PATH of a written request for extension from one or more Interested Party(ies), whereupon the Review Period shall end no later than one hundred and ninetyfive (195) days after the Publication Date, subject, however, to the terms of this Section VI.E below
C. During the Discovery Period, Interested Parties shall have the right to serve reasonable information and document requests ("Information Requests") on PATH relevant to the Annual Update, including the True-up Adjustment, and the Projected Transmission Revenue Requirement under review. The Discovery Period shall run for one hundred and fifty (150) days, but may be extended in accordance with this Section VI.E below.
B. The subjects of such Information Requests shall be limited to what is or may be reasonably necessary to determine: (a) that the imput data are properly recorded; (b) that PATH has properly applied the Formula Rate and the procedures in these Protocols; (c) the aceuracy of data and the consistency with the Formula Rate of the charges shown in the Annual Update(including the True-up Adjustment) or the Projected Transmission Revente Requirement; (d) the extent and effect(s) of Material Accounting Changes; (e) the prudence of the costs and expenditures included for recovery in the Annual Update; $(f)$ the prudence of projected expenses included in the Projected Transmission Revenue Requirement; and $(\mathrm{g})$ the reasonableness of any cost allocation methodologies, including inter-corporate cost allocation methodologies that differ from those utilized in the prior Anmal Update. Futher, Interested Parties may obtain and review the Capital and O\&M budgets ("Budgets") for PATH-WV and PATH-Allegheny, subject to confidentiality protections. The Budgets shall be provided in the format of the templates shown as

Exhibit Nos. 9 and 10 to the Settlement filed on December 10, 2008 in Docket No. ER08386.
E. PATH shall make a good faith effort to respond to Information Requests within fifteen (15) business days of receipt of such Information Requests. Notwithstanding anything to the contrary contained in these Protocols, with respect to any Information Requests received by PATH within the Discovery Period and for which PATH is unable to provide a response within fifteen (15) business days after the end of the Discovery Period, the Review Period shall be extended day for day until PATH's response is provided.

## VH. Preliminary and Formal Challenges

## A. Challenges

(1) Preliminary or Formal Challenges to the Anntal Update or Projected Transmission Revente Requirement posting may challenge one or more of the following:
(a) the extent or effect of a Material Accounting Change;
(b) whether a True-up Adjustment includes only properly recorded data in accordance with Section III and IV;
(e) whether the Anmal Update fails to include data properly recorded in accordance with Section IIT;
(d) whether the Annual Update satisfies the transparency standard of Section ШI.D;
(e) the proper application by PATH of the Formula Rate and the procedures in these Protocols;
(f) the accuracy of data and the consistency with the Formula Rate of the eharges shown in the Annual Update (including the True-up Adjustment);
$(\mathrm{g})$ the prudence of PATH's projected costs and expenditures;
(h) the prudence of the actual costs and expenditures;
(i) the effect of any change to the underlying Uniform System of Accounts or FERC Form No. 1; and
(j) whether, as a consequence of any of the above in this Section VII.A.1, the Formula Rate, as initially accepted by the Commission, has been materially altered.

## B. Resolution of Preliminary Challenges or Filing of Formal Challenge

(1) PATH and Interested Parties raising Preliminary Challenges shall attempt in good faith to resolve all Preliminary Challenges.
(2) If an Interested Party who has raised a Preliminary Challenge and PATH have not resolved the Preliminary Challenge within twenty one (21) days after expiration of the Review Period, that Interested Party shall have an additional twenty one (21) days to make a Formal-Challenge with the Commission, which shall be served on PATH by electronic service on the date of such filing provided, however, if the FERC initiates a proceeding to consider the Anmaal Update, Interested Parties may raise therein any Formal Challenges without regard to the Review Period or timeframes specified herein.
(3) Interested Parties shall make a good faith effort to raise all isstres in a Preliminary Challenge prior to filing a Formal Challenge; provided, however, that a Preliminary Challenge shall not be a prerequisite for bringing a Formal Challenge.
(4) Within twenty (20) days of the date of the filing a Formal Challenge, PATH shall submit its response to the Commission and certify therein that it has served by electronic service that response to the Commission and certify therein that it has served by electronic service that response on any party that has filed a Formal Challenge and on each person upon whom PATH served the Anntal Update.

## C. Formal Proceedings

(1) In any proceeding initiated by the FERC concerning the Annwal Update or in response to a Formal Challenge, PATH shall bear the burden of proving that it has reasonably applied the terms of the Formula Rate, including the calculation of the Trueup Adjustment and/or reasonably adopted and applied Material Accounting Changes, if any, consistent with the applicable procedures in these Protocols, in that year's Annual Update. Nothing herein is intended to alter the burdens applied by the FERC with respect to prudence challenges.
(2) Nothing stated in these Protocols shall be deemed to limit in any way the right of PATH to file unilaterally, purstant to Section 205 of the Federal Power Act and the regulations thereunder, changes to the Formula Rate or any of its stated values, or the right of any other party to request such changes pursuant to Section 206 of the Federal Power Act and the regulations thereunder. The party filing purstant to Section 205 or 206 bears the standard burdens associated with such a filing.

## VH. Changes to Annual Informational Filings

Any changes to the data inputs, including but not limited to revisions to PATH's FERC Form No. 1, or as the result of any FERC proceeding to consider the Ammal Update, or as a result of the procedures set forth herein, shall be incorporated into the Formula Rate and the charges produced by the Formula Rate (with interest determined in accordance with 18 C.F.R. § 35.19a) in the Anmmal Update for the next effective Rate Period. This reconciliation mechanism shall apply in lieu of mid Rate Year adjustments and any refunds or streharges. However, actual refunds or surcharges (with interest determined in accordance with 18 C.F.R. §35.19a) for the then current rate year shall be made in the event that the Formula Rate is replaced by a stated rate for PATH.

To the extent that any party, including but not limited to PATH, its auditors, any wholesale eustomer, any Interested Party or the FERC finds an error in any FERC Form No. 1 data or specific data applied in the Formula Rate, related to the period under review, such error must be eorrected in the Formmla Rate or Anmmal Update and shall be reflected in the True up Adjustment made as part of the next succeeding Annual Update. Nothing herein is intended to allow, bar, or otherwise address any error, or the correction thereof, oceurring in a period prior to the period under review. Further, nothing herein shall prejudice any party's claims concerning: (i) any error occurring in a period prior to the period under review, (ii) the correction of any prior period errors in the Formula Rate; or (iii) the implementation of any such corrections.

## CERTIFICATE OF SERVICE

I hereby certify that I have this day served the foregoing documents upon each person designated on the official service lists compiled by the Secretary in the above-captioned proceedings.

Dated at New York, N.Y., this 17th day of November, 2023.

/s/Seth G. Slade<br>Seth G. Slade<br>Davis Wright Tremaine LLP<br>1251 Avenue of the Americas<br>$21^{\text {st }}$ Floor<br>New York, NY 10020<br>212.402.4037<br>sethslade@dwt.com


[^0]:    118 C.F.R. § 385.602 ("Rule 602").
    2 Pursuant to Order No. 714, this filing is submitted by PJM Interconnection, L.L.C. ("PJM") on behalf of the PATH Companies as part of an XML filing package that conforms with the Commission's regulations. PJM has agreed to make all filings on behalf of the PJM Transmission Owners in order to retain administrative control over the PJM Tariff. Thus, the PATH Companies have requested that PJM submit this filing in the eTariff system as part of PJM's electronic Intra PJM Tariff.

[^1]:    3 See Settlement Agreement, Sections 5.1 and 9.13.
    4 See id.
    $5 \quad 18$ C.F.R. § 385.602(d).
    $6 \quad$ See 18 C.F.R §§ 35.2(e), 385.2010(f)(3)
    7 PJM already maintains, updates, and regularly uses e-mail lists for all PJM members and affected state commissions.

[^2]:    $8 \quad 18$ C.F.R. § $385.602(\mathrm{f})(2)$.
    $9 \quad 18$ C.F.R. § 385.212.
    10 See, e.g., Norwalk Power, LLC, Notice of Chief Judge Shortening Comment Period, Docket Nos. ER07-799-000, et al. (Dec. 5, 2008); Norwalk Power, LLC, 125 FERC II 61,390 (Dec. 30, 2008) (order approving settlement agreement pursuant to request for expedited order).

[^3]:    118 C.F.R. § 385.602.
    2 Additionally, the following entities have authorized the Settling Parties to state that they do not oppose the Settlement Agreement: American Municipal Power, Inc., Delaware Public Service Commission, Maryland Public Service Commission, New Jersey Board of Public Utilities, Pennsylvania Office of Consumer Advocate, and Virginia Office of the Attorney General's Division of Consumer Counsel.

[^4]:    3 Settlement Agreement, Section 2.1.

[^5]:    $4 \quad$ Id., Section 2.2.
    $5 \quad$ Id., Section 3.1.
    $6 \quad I d$., Section 3.2.

[^6]:    $7 \quad$ Id., Section 4.1.
    $8 \quad$ Id., Section 4.2.
    $9 \quad I d$. , Section 4.3.
    $10 \quad I d$., Sections 4.4 and 4.5.

[^7]:    11 Id., Section 4.6.
    $12 \quad$ Id., Section 5.1.
    13 Id., Section 5.2.
    $14 \quad$ Id., Section 6.1.

[^8]:    $18 \quad$ Id., Section 8.2.
    19 Id., Section 8.3.

[^9]:    20 Amended Notice to the Public on Information to Be Provided With Settlement Agreements and Guidance on the Role of the Settlement Judges, issued by Chief Administrative Law Judge Carmen A. Cintron on December 15, 2016.

[^10]:    1 Additionally, the following entities have authorized the Settling Parties to state that they do not oppose the Settlement Agreement: American Municipal Power, Inc., Delaware Public Service Commission, Maryland Public Service Commission, New Jersey Board of Public Utilities, Pennsylvania Office of Consumer Advocate, and Virginia Office of the Attorney General's Division of Consumer Counsel.

[^11]:    ${ }^{4}$ The Effective Cost Rate is the Debt Cost shown on Page 10, Line 118 of Rate Formula Tomplate

[^12]:    $\$ \quad 1,143,978$
    $\$ \quad(1,000,000)$
    $\$ \quad 143,978$

