GOVERNMENT OF THE DISTRICT OF COLUMBIA OFFICE OF THE ATTORNEY GENERAL



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Public Advocacy Division Housing and Environmental Justice Section

ELECTRONIC FILING

April 22, 2024

Ms. Brinda Westbrook-Sedgwick Public Service Commission Of the District of Columbia Secretary 1325 G Street, N.W., Suite 800 Washington, DC 20005

Re: Formal Case No. 1176 – In the Matter of the Application of Potomac Electric Power Company for Authority to Implement a Multiyear Rate Plan for Electric Distribution Service in the District of Columbia.

Dear Ms. Westbrook-Sedgwick:

On behalf of the District of Columbia Government, please find the enclosed Surrebuttal Testimony of Courtney Lane (Exh. DCG (2A)) in the above-captioned proceeding. If you have any questions regarding this filing, please do not hesitate to contact the undersigned.

Respectfully submitted,

BRIAN L. SCHWALB Attorney General

By: /s/*Brian Caldwell*

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BEFORE THE PUBLIC SERVICE COMMISSION OF THE DISTRICT OF COLUMBIA

IN THE MATTER OF THE APPLICATION OF THE POTOMAC ELECTRIC POWER COMPANY FOR AUTHORITY TO IMPLEMENT A MULTI-YEAR RATE PLAN FOR ELECTRIC DISTRIBUTION SERVICE

IN THE DISTRICT OF COLUMBIA

Formal Case No. 1176

Surrebuttal Testimony of Courtney Lane

On Behalf of
The District of Columbia Government

April 22, 2024

Exhibit DCG (2A)

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2 Q Please state your name, title, and employer. 3 Α My name is Courtney Lane. I am a Principal Associate at Synapse Energy Economics 4 (Synapse), located at 485 Massachusetts Avenue #3, Cambridge, MA 02139. 5 Q Have you previously submitted testimony in this proceeding? 6 Yes. I submitted direct testimony in this proceeding on January 12, 2024, on behalf of the Α 7 District of Columbia Government (DCG or the District). 8 Q What is the purpose of your surrebuttal testimony? 9 Α The purpose of my surrebuttal testimony is to respond to the rebuttal testimony of the 10 Potomac Electric Power Company's (Pepco or Company) Witnesses O'Donnell, Cantler, 11 Leming, and Hightower. My surrebuttal testimony addresses topics related to the design 12 of Pepco's proposed second multi-year plan (MYP), the impacts of the MYP on the 13 District's energy policies and climate goals, and whether the purported benefits of 14 Pepco's Modified Enhanced Multiyear Rate Plan (Modified EMRP) as approved in Formal Case No. (FC) 1156 are sufficient to justify a second MYP. My surrebuttal 15 16 testimony responds to several key aspects of each witness's rebuttal testimony but does 17 not attempt to address every instance of disagreement. 18 What materials did you rely on to develop your testimony? O 19 In addition to the testimony of each witness, the sources for my surrebuttal testimony are Α 20 public documents, and my personal knowledge and experience.

INTRODUCTION AND QUALIFICATIONS

I.

1	Q	Was this surrebuttal testimony prepared by you or under your direction?
2	A	Yes. My surrebuttal testimony was prepared by me or under my direct supervision and
3		control.
4	Q	Are there any exhibits attached to your testimony?
5	A	No.
6		II. SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS
7 8	Q	Please summarize your primary recommendations and conclusions regarding Pepco's MYP proposal.
9	A	My overall conclusions and recommendations remain unchanged from my direct
10		testimony. Pepco does not provide any additional information in rebuttal to support its
11		MYP proposal and instead rehashes positions from its direct testimony.
12		Regarding the specific issues I address in this surrebuttal testimony, my primary
13		conclusions are as follows:
14		1. The Company's proposed MYP does not provide appropriate incentives to the
15		Company to contain its costs or protect its customers from unreasonable rates due
16		to (a) the misguided adoption of the reconciliation process used in Maryland, and
17		(b) the use of a Company-specific cost forecast to build its revenue requirements.
18		2. Pepco's MYP is not a "Climate Ready Pathway" but rather a means to increase
19		business-as-usual investments that do not adequately advance the District's
20		energy policies and climate goals.

2 incentivize the Company to act in furtherance of the District's climate goals or 3 commit to the continued tracking of the performance of its investments contained 4 in the MYP to ensure that MYP investments are in fact advancing the District's 5 energy policies and climate goals. 6 4. The Company's evaluation of its first MYP pilot program as approved in FC 7 1156 fails to provide sufficient data to support the approval of a second MYP in 8 the instant proceeding. 9 5. While the District supports automatic enrollment into Pepco's Arrearage 10 Management Program (AMP) of customers verified by the Department of Energy 11 and Environment (DOEE) to be income qualified to participate in the Residential 12 Aid Discount (RAD) program, the District does not support Pepco's current 13 proposal to allow the Company to directly enroll customers in RAD. 14 6. Pepco fails to provide a process for how the Company will monitor, evaluate, and 15 make any needed adjustments to the proposed residential time-of-use (TOU) rate 16 and commercial electric vehicle (EV) charging TOU rates to ensure these rates achieve the purported goals of advancing energy affordability, equity, and the 17 18 District's decarbonization goals. 19 I offer the following recommendations:

3. The proposed MYP fails to include Performance Incentive Mechanisms (PIM) to

1	• The Commission should continue historical test year ratemaking until an
2	evaluation framework is developed for how to track and assess the benefits of an
3	MYP on a pilot basis.
4	• The Commission should not approve an MYP until Pepco develops a
5	comprehensive long-term grid modernization plan and integrated distribution plan
6	(IDP).
7	• Should the Commission approve an MYP in the future, it should require that any
8	proposal (1) not be permitted to include reconciliations of utility under-earnings,
9	(2) include an index-based cost escalator to escalate the historical test year
10	revenue requirement for each year of the MYP, (3) provide for more transparency
11	pertaining to grid modernization efforts, and (4) include PIMs that advance the
12	District's energy policies and climate goals.
13	• Regardless of whether the Commission directs Pepco to operate under an MYP or
14	cost of service regulation, I recommend that the Commission:
15	a) Require Pepco to develop and file an IDP and comprehensive grid
16	modernization plan that includes a system needs assessment, technology
17	investment roadmap, timeline, and benefit-cost analysis (BCA) that
18	adheres to the framework to be developed in accordance with Commission
19	Order No. 21938 issued on December 8, 2023, in General Docket No.
20	2019-04-M; and,

1		b) Establish explicit metrics and targets to guide Pepco's activities for grid
2		modernization.
3		• Pepco's proposal to alter administration of RAD program enrollment as part of
4		this proceeding is premature and should be proposed after proper consultation
5		with relevant stakeholders in the FC 1125 proceeding, an existing docket
6		established to address issues related to the Utility Discount Programs (UDP),
7		including RAD.
8		• If the Commission approves Pepco's proposals for new TOU rates, it should
9		direct Pepco to file an annual report on the impacts of the new rates and
10		reconvene the Rate Design Working Group to monitor their deployment and
11		identify potential improvements to the design of the new rates.
12		III. RESPONSE TO THE PURPORTED BENEFITS OF PEPCO'S MYP
13 14		The MYP Does Not Provide Adequate Ratepayer Protection and Cost Control Incentives.
15 16 17	Q	What is Pepco's response to your statement that the Company's MYP does not provide appropriate incentives to the Company to contain its costs or protect customers from unreasonable rates?
18	A	The Company provides the same points in support of its MYP that it offered in direct
19		testimony. Pepco Witness Cantler explains that the MYP offers opportunities for greater

affordability in the interest of the District's customers because it holds the Company 1 2 accountable to its forward-looking project budgets.¹ Similarly, Pepco Witness Leming states there is no incentive to inflate costs because the 3 4 actual costs are reviewed for prudency and no carrying costs are applied should the 5 Company over-spend its authorized revenue requirement.² 6 Q Do you agree that Pepco's proposed MYP holds the Company accountable for its 7 forward-looking project budgets? 8 Α No. As described in my direct testimony, the proposed structure of Pepco's MYP allows 9 the Company to recover any spending above its allowed revenue requirement (except for 10 carrying costs). If found prudent, these costs are then recovered from customers through a 11 reconciliation mechanism. This reduces incentives for the Company to control costs 12 compared to traditional cost-of-service regulation, where a utility is not allowed to 13 recover spending that exceeds its revenues between rate cases. Instead, under traditional 14 cost-of-service regulation, base rates remain fixed between rate cases and a utility must live within the revenues provided by those rates or absorb any excess costs.³ 15 16 Q Do you agree with Witness Leming's position that the proposed MYP does not 17 create an incentive for Pepco to inflate cost forecasts? No. As discussed in my direct testimony, Pepco is better off overestimating its capital 18 Α 19 costs to ensure that it will not overspend its allowed revenues and forfeit the carrying 20 costs associated with that overspend. In addition, due to the flawed reconciliation

¹ Cantler Rebuttal Testimony at 5:4-9.

² Leming Rebuttal Testimony at 13:13-17.

³ Lane Direct Testimony at 16:18-20 and 17:1-9.

process, Pepco has little incentive to find cost efficiencies because it receives no benefit from reducing its costs. Through the reconciliation process, any underspending due to achieving cost efficiencies flows to customers, not to the Company. Therefore, the full reconciliation of any cost savings to customers during both the Consolidated and Final Reconciliations at the end of the MYP term erodes any incentive to the Company to achieve cost savings.⁴

7 Q In rebuttal, Pepco Witness Leming cites evidence that the reconciliation process incentivized cost control in the Modified EMRP.⁵ Do you agree?

No. Witness Leming indicates that Pepco effectively managed its capital closings in each year within the Commission-authorized amounts.⁶ However, while it is true that Pepco spent less than projected during the Modified EMRP, this was not due to the design of the reconciliation process and/or effective management. Instead, as noted in my direct testimony, "Pepco explains that these substantial deviations from its projected budget were primarily due to supply chain issues."⁷

Furthermore, while Witness Leming indicates that the Company was able to control its operation and maintenance to be 1.2 percent lower than authorized in 2021 and 1.9 percent lower in 2022,⁸ there is no counterfactual to compare these savings to what would have occurred under cost-of-service regulation.

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⁴ Lane Direct Testimony at pgs. 16-18.

⁵ Leming Rebuttal Testimony at 14:4-5

⁶ *Id.*, at 14:4-9.

⁷ Lane Direct Testimony at 14:3-7.

⁸ Leming Rebuttal Testimony at 14:6-8.

Does Pepco Witness O'Donnell mischaracterize your position on alternative forms 1 Q 2 of regulation (AFOR)? 3 Yes. Witness O'Donnell states that I "oppose the continued use of AFORs in general." A 4 However, I am not opposed to AFOR; I am opposed to the design of Pepco's MYP. This 5 is evident in the fact that I offer proposed modifications to the Company's proposed MYP in my direct testimony. ¹⁰ A well-designed MYP can provide benefits to customers, lower 6 7 regulatory costs, encourage the utility to find cost-efficiencies, create more predictable 8 rates, reduce the impact of information and resource asymmetry, and support policy 9 goals. However, the numerous flaws in the design of Pepco's proposed MYP result in 10 more risk than benefits for customers. For example, as discussed in my direct testimony 11 and summarized above, Pepco's proposed reconciliation process and use of Company-12 specific cost-forecasts are fatal flaws that should be rejected in order to protect 13 customers. 14 Should the Commission approve an MYP in the future, it should require that any 15 proposal not be permitted to include reconciliations of utility under-earnings and include 16 an index-based cost escalator to escalate the historical test year revenue requirement for 17 each year of the MYP.

⁹ O'Donnell Rebuttal Testimony at 22:18-19.

¹⁰ Lane Direct Testimony at pgs. 65-66.

Pepco's MYP Does Not Sufficiently Advance the District's Clean Energy Policy and 1 2 **Climate Goals** 3 Q Please summarize the primary conclusions from your direct testimony as they 4 pertain to the "Climate Ready Grid." 5 In my direct testimony I conclude that the "Climate Ready Grid" represents traditional Α 6 reliability investments and despite Pepco's claim that the MYP is a "Climate Ready 7 Pathway," only 3.6 percent of the \$1.4 billion in total planned capital investments over the MYP term (2024–2026) directly supports the Company's Climate Solutions Plan 8 (CSP).¹¹ I also conclude that Pepco was unable to identify specific investments in its 9 MYP capital plan as being part of the Climate Ready Grid, ¹² could not specify the 10 anticipated benefits of the investments beyond "providing customers with a safe, 11 affordable, and reliable energy system,"13 and did not develop metrics to track the 12 benefits of deploying the Climate Ready Grid. 14 13 14 Q Do the other parties in this proceeding come to similar conclusions? 15 Yes. Office of People's Counsel (OPC) Witness Mara concludes that over 90 percent of A 16 the projects identified as part of Pepco's "climate ready grid" modernization initiative are nothing more than routine reliability projects that any prudent utility would undertake.¹⁵ 17 He also finds that Pepco has not been able to identify which capital projects advance 18

¹¹ *Id.*, at 33:5-8.

¹² *Id.*, at 31:1-8.

¹³ *Id.*, at 32:3-9.

¹⁴ *Id.*, at 32:10-20.

¹⁵ Mara Direct Testimony at 4:10-13.

1		Pepco's objectives for a Climate Ready Grid or explain how the Company proposes to
2		measure the success of its proposed investments. ¹⁶
3		Similarly, Apartment and Office Building Association (AOBA) Witness Oliver concludes
4		that "Pepco's representation of its MYP as a "Climate Ready Pathway" is more rhetoric
5		than substance,"17 and that "Pepco has placed no parameters on the attributes its District
6		of Columbia distribution system will need to add, expand, or refine to achieve its concept
7		of a "climate ready grid." ¹⁸
8 9	Q	How does Pepco respond to the parties' determination that the MYP is not a "Climate Ready Pathway"?
10	A	Pepco Witness Cantler states that the "Company did not propose that it was establishing a
11		Climate Ready Grid, but rather a pathway to a Climate Ready Grid."19
12 13 14	Q	Does this distinction change your opinion that Pepco's MYP does not adequately advance the District's energy policies or climate goals and instead supports business-as-usual investments?
15	A	No. This is purely semantics and does not represent the language used throughout the
16		Company's Application. For example, Pepco Witness O'Donnell's direct testimony states
17		"[i]n this filing, the Company is proposing a series of Climate Ready Grid investments"20
18		and makes clear that "the Climate Ready Pathway is the Company's near-term proposal
19		to advance the District's climate and clean energy goals" and the MYP's "central focus is

¹⁶ *Id.*, at 7:4-6.
¹⁷ Oliver Direct Testimony at iii.
¹⁸ *Id.*, at 44:18-21.
¹⁹ Cantler Rebuttal Testimony at 6:5-17.
²⁰ O'Donnell Direct Testimony at 5:11-12.

the "Climate Ready Grid," a series of investments into infrastructure and processes that advance system-readiness and will support customers through the current energy transformation." The Company also claims that it will demonstrate "how the investments proposed in the Climate Ready Pathway align with the District's vision to reach carbon neutrality by 2045," yet this information is not included in the MYP.

If Pepco is going to justify the MYP based on its contribution to the District's energy policies and climate goals, it should be able to identify specific Climate Ready Grid investments and describe how those investments contribute to the achievement of those goals.

Why is it problematic for the Commission to approve Pepco's MYP as a Climate Ready Pathway when the Company has not demonstrated how the proposed capital investments will advance the District's energy policies and climate goals?

Approving the MYP as a Climate Ready Pathway when Pepco is unable to identify which capital projects advance Pepco's objectives for a Climate Ready Grid creates risks to ratepayers and impedes the District's ability to meet its climate goals. Pepco's Climate Ready Grid represents traditional reliability investments that, if approved, will create substantial annual increases in customer bills. In the first, year bills would increase by 6.37 percent, followed by an additional increase of 5.96 percent in the second year, with another increase of 5.61 percent in the third year.²³ There is no accountability that Pepco be required to demonstrate that these increased costs to ratepayers result in incremental

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²¹ *Id.*, at 3:13-20.

²² *Id.*, at 4:1-2.

²³ Lane Direct Testimony at 7:1-5.

greenhouse gas (GHG) emissions reductions or further the District's climate goals. In addition, this upward pressure on rates will make it more costly for customers to pursue electrification and may slow the District's ability to meet its building and transportation decarbonization goals.

Does Pepco provide any additional justification in rebuttal for why the capital

investments proposed in its MYP are needed to support a Climate Ready Grid?

No. Pepco Witness Cantler reiterates the same arguments contained in her direct testimony, stating that continued investments in reliability and resiliency are needed to establish a pathway to a Climate Ready Grid. She states that these investments "enable the Company to proactively maintain and enhance the system to guard against negative customer impact associated with the potential of equipment failure due to age, obsolescence, etc. while also maintaining a system that can operate through variable weather and uncontrollable events from year to year."²⁴ However, these activities are core to the traditional duties of the electric distribution company and would take place regardless of the District's energy policies and climate goals.

Similarly, Pepco Witness O'Donnell also restates claims from her direct testimony that "reliability and resiliency are foundational requirements for a Climate Ready Grid and support the energy transformation to a highly electrified and interactive system."²⁵

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²⁴ Cantler Rebuttal Testimony at 8:11-16.

²⁵ O'Donnell Rebuttal Testimony at 13:12-15.

1 2	Q	Does Pepco justify the need for these proactive investments in reliability and resiliency?
3	A	No. Pepco has not adequately justified why increased spending on reliability and
4		resiliency is required to achieve the District's energy policies and climate goals. While
5		Witness O'Donnell seeks to justify increased spending on reliability and resiliency to
6		support a "highly electrified" system, the Company ignores the findings from "The
7		Strategic Electrification Roadmap for Buildings and Transportation in the District of
8		Columbia" (Electrification Roadmap), which indicates that the Company's system is
9		well-equipped to handle the projected electrification loads from buildings and
10		transportation up through the year 2032. ²⁶
11 12	Q	Does Pepco provide any additional support in rebuttal for why an MYP is required to support the District's energy policies and climate goals?
13	A	No. Instead of providing an actual linkage between the proposed MYP capital
14		investments and climate outcomes, Pepco's primary examples of investments to support
15		climate goals are dockets outside of this proceeding. For example, Witness O'Donnell
16		cites the Company's suite of Commission-approved electric vehicle programs, the
17		Climate Solutions Plan (CSP) filed, but not yet approved by the Commission, in FC
18		1167, and its energy efficiency programs pending in FC 1160. ²⁷

²⁶ See Lane Direct Testimony at 40:12-16 and DOEE, *The Strategic Electrification Roadmap for Buildings and Transportation in the District of Columbia* (Electrification Roadmap), April 2023.

²⁷ O'Donnell Rebuttal Testimony at 14:20-27 through 15:1-9.

1 Q What is Pepco's response to your recommendation that it should include more 2 investments in the MYP that will actually assist the District in furthering its energy 3 policies and meeting its climate objectives? 4 Α Witness O'Donnell argues that the MYP cycle is too slow to keep pace with the 5 "legislative and technological developments impacting decarbonization, some programs, 6 tools, and processes that Pepco could deploy can be planned and implemented more quickly in other proceedings in order help customers pursue electrification devices."28 7 8 Q Do you find Witness O'Donnell's response persuasive? 9 Α No, I do not. First, Witness O'Donnell does not respond to my recommendations that 10 Pepco should include additional investments in the MYP to address ongoing issues with 11 the distributed energy resource (DER) interconnection process, improvements to hosting 12 capacity maps, and support for data transparency and utilization of advanced metering infrastructure.²⁹ This is concerning given the fact that in response to a question raised by 13 14 Commissioner Beverly at the September 27, 2023 Pepco State of the Company, Pepco's 15 President and CEO acknowledged the average time it takes a customer to interconnect is "not acceptable" and "it has to be a focus area." Given this statement, investments to 16 17 support improvements to the DER interconnection process should be a focus of this 18 MYP. 19 Second, I find the argument that the MYP cycle is too slow compared to "other 20 proceedings" to be unfounded. One of the primary drivers for AFOR is to provide Pepco

²⁸ O'Donnell Rebuttal Testimony at 31:9-14.

²⁹ Lane Direct Testimony at pgs. 34-39.

³⁰ District of Columbia Public Service Commission Open Meeting and Pepco State of the Company, September 27, 2023, recording at 1 hour and 3 minutes. Available at: https://www.youtube.com/watch?v=WuNmmZc8ycI

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with more timely cost-recovery. For example, in the Order establishing a framework for 1 2 AFORs, the Commission stated that "[i]n response to the District's policy goals, the 3 Commission is examining the possibility of adopting AFORs aimed at accelerating the 4 utilities' cost recovery for infrastructure improvement projects and aligning utility incentives with these policy goals."31 In addition, Witness O'Donnell does not support 5 6 her statement that "other proceedings" are quicker than the MYP, as she does not cite 7 specific dockets nor does she include the length of time it took for Pepco to obtain a 8 decision in those dockets. 9 The concerns related to the magnitude and pace of investments speak more broadly to the 10 need for a coordinated and comprehensive climate plan that identifies a pathway for achieving the District's climate goals in a least cost manner while maintaining reliability 11 12 and safety. Utility investments across multiple proceedings should be coordinated with 13 clear outcomes and metrics for tracking progress towards GHG reduction goals. 14 Pepco Fails to Justify the Exclusion of Performance Incentive Mechanisms in the 15 MYP. 16 Does Pepco respond to your recommendation for a non-wires alternative (NWA) Q 17 PIM? 18 A Pepco Witness Cantler states that the proposal for an NWA PIM should not be accepted 19 due to the ongoing PIMs Working Group.³²

³¹ FC 1156, Order No. 20273, ¶7.

³² Cantler Rebuttal Testimony at 37:1-6.

1	Q	What is your response?
2	A	I continue to assert that PIMs should be developed in conjunction with the MYP to help
3		ensure that Pepco's investments are in fact supporting the District's climate and clean
4		energy goals. My recommendation for an NWA PIM does not need to rely on historical
5		baseline data or results from the Tracking PIMs approved for the Modified EMRP. ³³
6		Instead, the NWA PIM would be based on a shared savings approach.
7		Furthermore, as summarized in the previous section, Pepco's MYP represents a business
8		as-usual capital investment plan and does not sufficiently support the District's energy
9		policies or climate goals. Pepco does not identify which MYP investments are part of its
10		Climate Ready Grid or develop any metrics to track how these investments contribute to
11		the District's goals. Without the inclusion of PIMs or Tracking PIMs, there is no way of
12		knowing whether the MYP investments will help the District achieve its energy policies
13		and climate goals.
14 15		Pepco's Current Distribution Planning Process Does Not Replace the Need for an Integrated Distribution Plan and Grid Modernization Plan.
16	Q	How does Pepco respond to your recommendation that the Company should be
17		required to file an IDP and comprehensive grid modernization plan?
18	A	Pepco Witness Cantler repeats the same claims from her direct testimony that the MYP
19		process enhances and supports greater oversight and transparency, stating that "including

³³ The Tracking PIMs approved by the Commission in Order No. 20755 included a GHG reduction metric measuring GHG emissions related to Pepco-owned buildings in the District of Columbia as well as the Company's vehicle fleet. The GHG tracking PIM also provides GHG emissions estimates related to Standard Offer Service (SOS) and non-SOS energy consumption, as well as sulfur hexafluoride (SF6) emissions from Pepco's operational equipment and estimates of GHG emissions related to the Company's contractor vehicles.

1		internal checks and balances required to adequately ensure alignment with the
2		Company's core objectives of enabling solutions to climate change, enhancing grid
3		performance, supporting social equity and affordability, and improving the customer
4		experience." ³⁴
5		Witness Cantler further argues that an IDP is not needed because Pepco already has a
6		Distribution Construction Report that would largely be inclusive of any IDP. ³⁵
7	Q	Is the construction report the same as an IDP?
8	A	No. The Distribution Construction Report provides information related to the problem
9		statement, solution, justification, and alternatives for each Investment Tracking Number
10		for 2022 actual and 2023-2026 budgeted capital, and a listing of budgeted additions to
11		Electric Plant In Service. ³⁶
12		An IDP is a longer-term distribution plan (10 years or more) and will typically include
13		the following components that are absent from Pepco's Distribution Construction Report
14		Baseline data related to the existing distribution system;
15		• Planned retirements and committed future replacements or additions to existing
16		distribution system assets;
17		• Forecasted loads and DER additions for each year of the IDP;
18		Hosting capacity assessment;

 ³⁴ Cantler Rebuttal Testimony at 4:1-4.
 ³⁵ *Id.*, at 28:19-23.
 ³⁶ *Id.*, at 18:15-20 through 19:1-2.

Assessment and prioritization of system upgrades or operational changes to 1 2 accommodate future loads and DERs; 3 Evaluation of options for meeting forecasted distribution system needs, including consideration of alternatives to traditional distribution system investments such as 4 5 NWAs; and A detailed action plan for addressing near-term system needs.³⁷ 6 7 These are critical elements missing from the Distribution Construction Report. 8 In addition, the development of an IDP provides increased external transparency through 9 more data availability. The Company itself has indicated there is a need for enhanced 10 communication related to Pepco's distribution planning process. At the September 27, 11 2023, Pepco State of the Company, Pepco's President and CEO described the need for 12 more communication related to the Company's distribution planning process due to the more dynamic nature of the system.³⁸ An IDP is a tool that can be used to achieve this 13 14 outcome. 15 In addition, unlike the Distribution Construction Report, an IDP should be developed 16 with meaningful stakeholder engagement to improve outcomes and allow for the

³⁷ The Mid-Atlantic Distributed Resources Initiative (MADRI), *Integrated Distribution Planning* for Electric Utilities: Guidance for Public Utility Commissions, October 2019. Available at:

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Commission to better oversee utility expenditures by providing an overview of

https://www.madrionline.org/wp-content/uploads/2019/10/MADRI_IDP_Final.pdf.

38 District of Columbia Public Service Commission Open Meeting and Pepco State of the Company, September 27, 2023, recording at 1 hour and 20 minutes. Available at: https://www.youtube.com/watch?v=WuNmmZc8ycI.

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distribution system investments in a holistic manner before investments are proposed in 1 2 rate cases. 3 Q What is Pepco Witness Cantler's response to your recommendation that the 4 Company should file a grid modernization plan? 5 Α Pepco Witness Cantler states that the Company provides "relevant and significant 6 information" to stakeholders through the MYP, Distribution Construction Report, and the Annual Consolidated Report that has a section dedicated to grid modernization.³⁹ 7 8 Do you agree that the MYP, Distribution Construction Report, and Annual Q 9 Consolidated Report replace the need for a grid modernization plan? 10 No, I do not. First, the Annual Consolidated Report does not provide a dedicated section A 11 for grid modernization. For instance, while the 2022 and 2023 Annual Consolidated 12 Reports include a description of Pepco's progress in deploying substation and distribution 13 automation there is no description of planned future grid modernization investments.⁴⁰ 14 Second, these filings are insufficient and do not contain the same information that would 15 be found in a grid modernization plan. A grid modernization plan should identify the state's grid modernization objectives and the required technology categories and 16 capabilities that are needed to meet each objective. The plan should identify how each 17 18 investment's functionality helps to achieve the desired grid modernization objective. In 19 other words, a grid modernization plan is a public-facing document that provides 20 information to the Commission and stakeholders regarding the strategic rationale for grid

³⁹ Cantler Rebuttal Testimony at 32:6-9.

⁴⁰ See FC 1119, Pepco 2022 Annual Consolidated Report (April 15, 2022) and Pepco 2023 Annual Consolidated Report (April 18, 2023).

modernization investments. According to the U.S. Department of Energy, a grid 1 2 modernization plan will address the following questions: 3 Why is this investment needed (i.e., purpose & objectives)? 4 What functionality will be delivered by what new/enhanced processes, 5 technology, and/or information? What are the major deliverables? 6 When is the functionality needed and how fast and at what scale should it be 7 implemented? 8 Who will be involved (e.g., key vendors, consultant, others) and the related 9 organizational structure and responsibilities within the effort? 10 When will the implementation be completed and key intermediate milestones 11 occur? How much will this benefit and cost customers and others?⁴¹ 12 Pepco's MYP, Distribution Construction Report, and the Annual Consolidated Report do 13 14 not provide the information necessary to answer these questions and are therefore not a 15 substitute for a comprehensive grid modernization plan.

⁴¹ U.S. Department of Energy (2020) Next-Generation Distribution System Platform Initiative (DSPx) Modern Distribution Grid Series Volume IV: Modern Distribution Grid Strategy & Implementation Planning Guidebook, p. 82. Available at: https://gridarchitecture.pnnl.gov/modern-grid-distribution-project.aspx.

1 2	Q	Does Witness Cantler provide other reasons for why he does not support a separate grid modernization plan?
3	A	Yes. Witness Cantler states there are disparate views by the intervening parties on
4		Pepco's proposed grid modernization investments and therefore there is no standard
5		approach to grid modernization. ⁴²
6	Q	Would a grid modernization plan alleviate this issue?
7	A	Yes. While there may be differences of opinions among OPC and intervening parties
8		related to which grid modernization investments to approve and the level of total
9		investments, the citations provided by Witness Cantler demonstrate that the real issue is
10		the lack of clarity in Pepco's MYP related to a clear definition of grid modernization,
11		identification of which investments pertain to grid modernization, and clear justification
12		for the need of each investment.
13		For instance, OPC Witness Mara's concerns, as cited by Pepco Witness Cantler, pertain
14		to whether Pepco's proposed MYP investments are business-as-usual or actually
15		modernizing the grid. A grid modernization plan by necessity would identify specific grid
16		modernization investments and should include a description for how the functionality of
17		each investment helps to achieve a specific grid modernization objective.
18		Similarly, AOBA Witness B. Oliver simply notes that affordability needs to be
19		considered when considering grid modernization investments. ⁴³ A grid modernization
20		plan should include an assessment of the costs and benefits of proposed investments so

 $^{^{42}}$ Cantler Rebuttal Testimony at 32:17-32 through 33:1-12. 43 $\emph{Id.},$ at 33:6-9.

Exhibit DCG (2A) Formal Case No. 1176 Surrebuttal Testimony of Courtney Lane

1		the Commission and stakeholders can understand the timing and investment levels of
2		proposed investments.
3 4	Q	What does Pepco Witness Cantler propose in response to your concerns related to the absence of a grid modernization plan?
5	A	Witness Cantler indicates that the Company would be open to initiating its own
6		collaborative process to adapt the grid modernization section of its Annual Consolidated
7		Report. ⁴⁴
8	Q	Do you support this recommendation?
9	A	While I appreciate Pepco's willingness to consider improvements to its Annual
10		Consolidated Report, it is insufficient. As summarized above, based on the breadth of
11		information that should be included in a grid modernization plan, it requires more
12		attention than the expansion of one section in an existing report. In fact, due to the time
13		and resources needed to develop a grid modernization plan, they are typically filed every
14		three to five years. 45 Therefore, I continue to recommend that the Commission require
15		Pepco to file a comprehensive grid modernization plan.

 ⁴⁴ *Id.*, at 32:11-16.
 45 For example, the Massachusetts investor-owned utilities file grid modernization plans for three-year periods (https://www.mass.gov/info-details/grid-modernization-and-ami-resources).

Exhibit DCG (2A) Formal Case No. 1176 Surrebuttal Testimony of Courtney Lane

2		An Evaluation of the Modified EMRP Should be Completed Prior to Approving Pepco's MYP.
3 4 5	Q	How does Pepco respond to your recommendation that the Commission enact historical test year ratemaking until an evaluation framework is developed for how to track and assess the benefits of an MYP?
6	A	Pepco Witness O'Donnell contends that this position is contrary to the Commission's
7		approach in FC 1156 and states that an evaluation and metrics are not required.
8		Specifically, she cites Commission Order 21042 in FC 1156, which states "establishing a
9		pilot to consider Pepco's EMRP allows this first MRP filing to serve as an opportunity to
10		gather valuable lessons learned for assessing future MRP proposals and other AFORs and
11		facilitate the development of AFOR regulations."46
12	Q	Does this change your opinion on the need for an MYP evaluation and metrics?
13	A	No, it does not. Now that Pepco has completed its Modified EMRP, it is evident that
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		there is insufficient data that can be used to "gather valuable lessons learned for assessing
15		there is insufficient data that can be used to "gather valuable lessons learned for assessing future MRP proposals" as originally intended by the Commission. As discussed in my
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		future MRP proposals" as originally intended by the Commission. As discussed in my
16		future MRP proposals" as originally intended by the Commission. As discussed in my direct testimony, Pepco is unable to provide any quantitative data to demonstrate that the
16 17		future MRP proposals" as originally intended by the Commission. As discussed in my direct testimony, Pepco is unable to provide any quantitative data to demonstrate that the Modified EMRP provided benefits to customers or furthered the District's energy
16 17 18		future MRP proposals" as originally intended by the Commission. As discussed in my direct testimony, Pepco is unable to provide any quantitative data to demonstrate that the Modified EMRP provided benefits to customers or furthered the District's energy policies and climate goals. ⁴⁷ Without adoption of an evaluation framework and metrics,

 $^{^{46}}$ O'Donnell Rebuttal Testimony at 20:9-24 and FC 1156, Order No. 21042 at $\P 93.$ 47 Lane Direct Testimony at 58:8-14.

whether continuation of AFOR is in the best interest of customers or its contribution in support of the District's energy policies and climate goals.

IV. THE COMMISSION SHOULD APPROVE PEPCO'S PROPOSAL TO AUTOMATICALLY ENROLL RAD CUSTOMERS IN THE AMP BUT DENY PEPCO'S OTHER PROPOSED CHANGES TO THE RAD PROGRAM.

Q Please summarize your recommendation related to Pepco's proposed changes to the RAD and AMP programs.
 A The Commission should not approve Pepco's proposed changes to RAD or its proposed

expansion to its marketing and outreach budget at this time. As I stated in my direct testimony, Pepco has not provided sufficient information to evaluate the efficacy and cost-effectiveness of these proposals and did not consult with key stakeholders—including DOEE or the FC 1125-established Utility Discount Program Education Working Group (UDPE WG)—in their development.⁴⁸

However, I support Pepco's suggestion to automatically enroll qualified households that have been income-verified by DOEE into AMP for RAD participation. DOEE previously supported a similar proposal by Washington Gas Light Company (WGL) to automatically enroll into WGL's AMP qualified households that have been income verified by DOEE for participation in WGL's Residential Essential Service (RES) program. The Commission should direct Pepco to work with DOEE to create a process for ensuring that customers with arrears who are enrolled in RAD are automatically enrolled in the AMP

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⁴⁸ Lane Direct Testimony at pgs. 67-68.

1 as well, including an appropriate process for monitoring the implementation of automatic 2 enrollments in the AMP to ensure the process meets the needs of customers.⁴⁹ 3 Q How does Pepco respond to the concerns raised by other parties regarding its 4 proposed changes to RAD and the AMP? 5 Α Pepco states that there is a need to expand energy assistance programs now, and that 6 additional consultation or a working group process could take time. ⁵⁰ Pepco suggests that 7 if the Commission approves its proposals, the Company would then be "open to working 8 with different stakeholders to develop an implementation plan that settles on details such 9 as staffing needs."51 10 Q Has Pepco addressed your concerns with its proposed changes to RAD? 11 No. While I support the objective of increasing enrollments in RAD, Pepco's proposal Α 12 suffers from several deficiencies. As an initial matter, Pepco did not develop its current 13 proposal in conjunction with DOEE or the UDPE WG. Coordination with other parties in 14 the UDPE WG and DOEE, as the administrator of the UDPs, is important before 15 adopting any administrative change to a UDP, such as what Pepco proposes here to RAD, 16 because of the potential for such changes to result in unintended consequences impacting 17 the other UDPs. Pepco's proposal is underdeveloped in several respects and lacks the 18 support of key partners. Indeed, Pepco itself seems to recognize this fact by noting that it 19 has not yet developed an implementation plan that would address key considerations such

⁴⁹ See Commission Order 21536 here:
https://edocket.dcpsc.org/apis/api/Filing/download?attachId=182333&guidFileName=275d2bc6-f012-47c1-98a4-bbc2f187cfc7.pdf

⁵⁰ Hightower Rebuttal Testimony at 13.

⁵¹ Hightower Rebuttal Testimony at 14.

as staffing needs. If Pepco is interested in pursuing avenues for enrolling customers in
RAD using categorical eligibility, it should develop a joint proposal in consultation with
DOEE and the UDPE WG and file that proposal in the Formal Case No. 1125 docket.
Moreover, while expanding the use of categorical eligibility in some form may be a good
idea, Pepco's current proposal does not present a holistic solution to the problem of
administrative burdens for customers. From my discussions with DOEE staff, I
understand some of the practical implications of Pepco's proposal. For example, to
benefit from Pepco's proposal, a resident would need to first apply for assistance through
a qualifying program (such as SNAP), then apply to RAD through Pepco, and then
proceed through a third application process with DOEE to receive LIHEAP and other
UDP assistance, including WGL's RES, Verizon's Lifeline program, and D.C. Water's
Customer Assistance Program. There are better ways to reduce administrative burdens for
residents in need, including expanding the use of automatic enrollments through a
centralized application process or data sharing across programs. I understand that DOEE,
OPC, and others are actively working on developing solutions in this area. While it may
be appropriate to revisit the question of whether Pepco should be able to directly enroll
customers in RAD in the future, it is premature to approve Pepco's proposal now while
more robust avenues for increasing enrollments remain unexplored, and while key details
of Pepco's proposal lack adequate specification.
Finally, Pepco's proposal risks decreasing participation in LIHEAP and other UDPs
without careful planning. DOEE's utility affordability division is designed to be a one-
stop shop for utility assistance. Allowing Pepco to enroll customers directly in RAD will

not provide the significant benefits of LIHEAP and other UDP programs and may
decrease enrollments in these programs by diverting customers away from DOEE's one-
stop shop process. Although Pepco states that it will attempt to refer customers to DOEE
for enrollment in other programs, it does not propose any measures to track whether the
Company will actually be able to successfully refer customers to DOEE. Similarly, Pepco
has not provided any metrics to track whether additional expenditures on marketing and
outreach will result in increased enrollments in RAD, nor has it provided meaningful
analysis showing that increasing its marketing budget represents a cost-effective means
of increasing enrollment in RAD at this time.
What actions should the Commission take instead of annuaring Dance's much and
What actions should the Commission take instead of approving Pepco's proposed changes to RAD?

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I understand that DOEE, OPC and other members of the UDPE WG are actively working on solutions to increase participation in all UDPs without creating additional administrative hurdles for D.C. residents. It is therefore premature and potentially counterproductive for the Commission to approve Pepco's proposal at this time when there are active discussions occurring to improve RAD. The Commission should deny Pepco's current proposal and direct Pepco to develop any future proposals for changes to RAD in conjunction with DOEE and the UDPE WG established in FC 1125 to ensure that the proposal receives input from key partners and complements other efforts to increase participation in UDPs.

Should the Commission approve Pepco's proposal to automatically enroll customers 1 Q 2 in the AMP if they are enrolled in RAD? 3 Yes. Automatic enrollments in AMP have the potential to benefit arrearage owing A 4 customers enrolled in RAD. The Commission should approve Pepco's proposal and 5 direct Pepco to work with DOEE to create a process for automatically enrolling RAD 6 customers with arrears in the AMP, including steps to monitor the implementation of 7 automatic enrollments to ensure the process meets the needs of customers.

V. IF THE COMMISSION APPROVES PEPCO'S PROPOSED TOU RATES, IT SHOULD DIRECT PEPCO TO WORK WITH THE RATE DESIGN WORKING GROUP TO MONITOR THE IMPACT ON CUSTOMERS AND THE DISTRICT'S CLEAN ENERGY GOALS.

Q Please summarize Pepco's proposals for a new residential TOU rate and new commercial EV TOU rates. Pepco proposes two new kinds of rate offerings: a residential TOU and a suite of Α commercial EV charging rates.⁵² The residential TOU rate would replace Pepco's undersubscribed R-PIV rate and would be available as an optional (opt-in) rate for all residential electricity usage. It has an on-peak period of 5:00 p.m. to 10:00 p.m. Monday-Fridays (excluding federal holidays), and an off-peak period of all other days/times. Pepco states that the proposed residential TOU rate is designed to be revenue neutral for

a typical residential customer before any load shifting occurs.⁵³ The residential TOU rate

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⁵² Bonikowski Direct Testimony at 42-43.

⁵³ *Id*. at 48.

described in greater detail in the Direct Testimony of Witness Bonikowski.⁵⁴ Pepco also proposes a suite of new TOU rates for commercial EV charging that would be optional (opt-in) rates, have an on-peak window of 6:00 a.m. to 8:00 p.m., and include energy and demand charges that are generally two-times the cost during the peak period relative to the off-peak period. Other important components of the proposal include the division of demand charges into an On-Peak Demand Charge and a Maximum Demand Charge, and a requirement for EV charging and related ancillary load to be separately metered from other commercial load. Q How does Pepco characterize the potential benefits of the two new rate offerings? Witness Bonikowski states that the new residential TOU and commercial EV charging A TOU rates will "encourage customers to shift energy use to times when the distribution system is less constrained," thereby enhancing "customer choice and affordability while supporting the District's decarbonization goals."55 Likewise, Witness Hightower's rebuttal testimony suggests that the proposed TOU rate and EV charging TOU rates will

contains separate time-varying components for distribution, generation, and transmission,

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savings on their bills.⁵⁶

advance affordability and equity and the District's climate goals by incentivizing

customers to shift energy consumption to off-peak periods and help customers realize

⁵⁴ *Id.* at 43-48.

⁵⁵ Bonikowski Direct Testimony at pg. i.

⁵⁶ Hightower Rebuttal Testimony at pgs. 5-6.

1 2	Q	What steps should the Commission take to ensure Pepco's new TOU rates will advance affordability and equity?
3	A	If the Commission approves Pepco's TOU rates, it should take two steps to ensure the
4		rates meet their intended objectives. First, the Commission should direct Pepco to file an
5		annual report evaluating the impact of time-varying rates on customer usage, grid
6		constraints, and the deployment of clean energy technologies. For example, Pepco should
7		study the impacts of the new rates on customer behavior, assess the potential for
8		improvements, and implement any changes that would maximize the benefits of TOU
9		rates. This process of review and improvement should happen on a regular and expedited
10		timeframe to ensure Pepco's rate design keeps pace with changing technologies and
11		appropriately responds to lessons learned both in the District and around the country. For
12		example, investor-owned utilities in California have in recent years shifted from relying
13		upon opt-in TOU rates to opt-out (default) TOU rates as a result of lessons learned
14		regarding consumer acceptance of TOU rates and the importance of the opt-out model to
15		their success. It is important that Pepco and other stakeholders in D.C. engage in that kind
16		of regular, productive review of Pepco's TOU rates to ensure future iterations of the rate
17		design incorporate beneficial improvements in a timely fashion.
18		Second, the Commission should reconvene the Rate Design Working Group and task the
19		group with (1) monitoring the implementation of the new TOU rates, and (2) identifying
20		and developing any suggested improvements to those rate designs. The Commission
21		should direct Pepco to provide a draft version of its annual report on the new TOU rate
22		designs to the Rate Design Working Group at least two months before the annual filing
23		date.

Exhibit DCG (2A) Formal Case No. 1176 Surrebuttal Testimony of Courtney Lane

- 1 Q Does this conclude your surrebuttal testimony?
- 2 A Yes, it does.

CERTIFICATE OF SERVICE

I hereby certify on this 22nd day of April 2024, that I caused true and correct copies of the Surrebuttal Testimony of Courtney Lane on behalf of the District of Columbia Government to be emailed to the following:

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