

BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Commission's	)	
Review of the Ohio Power Company's	)	
Distribution Investment Rider Work	)	Case No. 18-1786-EL-RDR
Plan for 2019	)	
	)	

**Notice of Ohio Power Company's Commission-Requested
Distribution Investment Rider Work Plan**

On February 25, 2015, the Public Utilities Commission of Ohio ("Commission") approved an Electric Security Plan of Ohio Power Company ("AEP Ohio" or "Company"), including approval of the Distribution Investment Rider ("DIR") in Commission Case Nos. 13-2385-EL-SSO et al. ("ESP III Order"). The DIR spending caps were adjusted by the Commission on May 28, 2016 and November 3, 2016. As part of the approval of the DIR, the Commission instructed that it is no longer necessary for the Company to work with the Commission Staff ("Staff") while reliability standards are being met, and to file the resulting plan for Commission review in a separate docket.

In Case No. 13-294-EL-UNC, the Commission clarified the filing requirements for the DIR plan, outlining expectations for the filings going forward. In *ESP III*, the Commission denied AEP Ohio's requested expansion, but approved the DIR at spending caps adjusted and approved by the Commission. In November 2016, AEP Ohio filed its amended ESP III extension ("*ESP IV*") application in Case Nos. 16-1852-EL-SSO et al. to extend the current ESP through May 2024. The Company's *ESP IV* proposed to continue the DIR based on the terms

and conditions approved in the *ESP III* Order, with additional annual DIR caps to be established for the extended terms of *ESP IV*. In *ESP IV* AEP Ohio filed a Stipulation requesting to extend the DIR. On April 25, 2018, the Commission issued an order approving the *ESP IV* Stipulation, including approval of the extended terms of DIR with additional annual DIR caps (“*ESP IV* Order”). The Company followed the previous year’s strategy to look at programs in the *ESP IV* Plan which would have the most impact to both proactive system infrastructure replacement as well as reliability improvement to customers. In order to develop the Plan, the Company looked at causes of outages on the system, opportunities for proactive replacement, engineering and labor resource availability, and overall impact of each program. The Plan, as developed, takes into consideration various factors encountered during 2014 through 2018, such as labor resources, and adjusts the Plan accordingly. This comprehensive development of the Plan provides the best practice to reach the Commission’s goal to help ensure that this and future DIR plans will positively impact the reliability performance to customers across the Company’s service territory. Overall, the Plan is developed to provide a more proactive replacement plan as well as components which will maintain or improve reliability to customers. In section A of the 2019 DIR Plan, all of the programs listed either proactively replace infrastructure or impact reliability to customers.

AEP Ohio will continue to work with Staff annually to review the accounting accuracy, prudence and compliance with the Plan as developed. In order to ensure double recovery does not occur in the DIR, there are two safeguards currently in place. First, the Company tracks assets recovered through other riders by separately identifiable work-orders or work types which allow those charges to be appropriately removed from the DIR filing. This process has been reviewed and verified during past audits of the DIR program. Most recently, the DIR audit

reports in Case Nos. 17-38-EL-RDR and 18-230-EL-RDR have concluded that no double recovery has occurred. Second, an independent audit is conducted of the DIR program expenditures. This audit is completed by an external, independent auditor chosen by the Commission to ensure compliance with the financial side of the program expenditures. The auditor sends the findings to the Commission and ensures that the Company follows all guidelines when reporting items charged to the DIR.

The Company will continue to provide Staff with quarterly updates consistent with Finding 25 of the Commission's order in Case No. 13-2394-EL-UNC. The Company will send quarterly updates to Staff showing progress of each of the programs, and, when requested by Staff, the Company agrees to meet in person to discuss any questions regarding the programs. The Company will also continue to provide Staff locations to audit DIR work being performed in the field per Finding 25 in Case No. 13-2394-EL-UNC, unless otherwise ordered by the Commission.

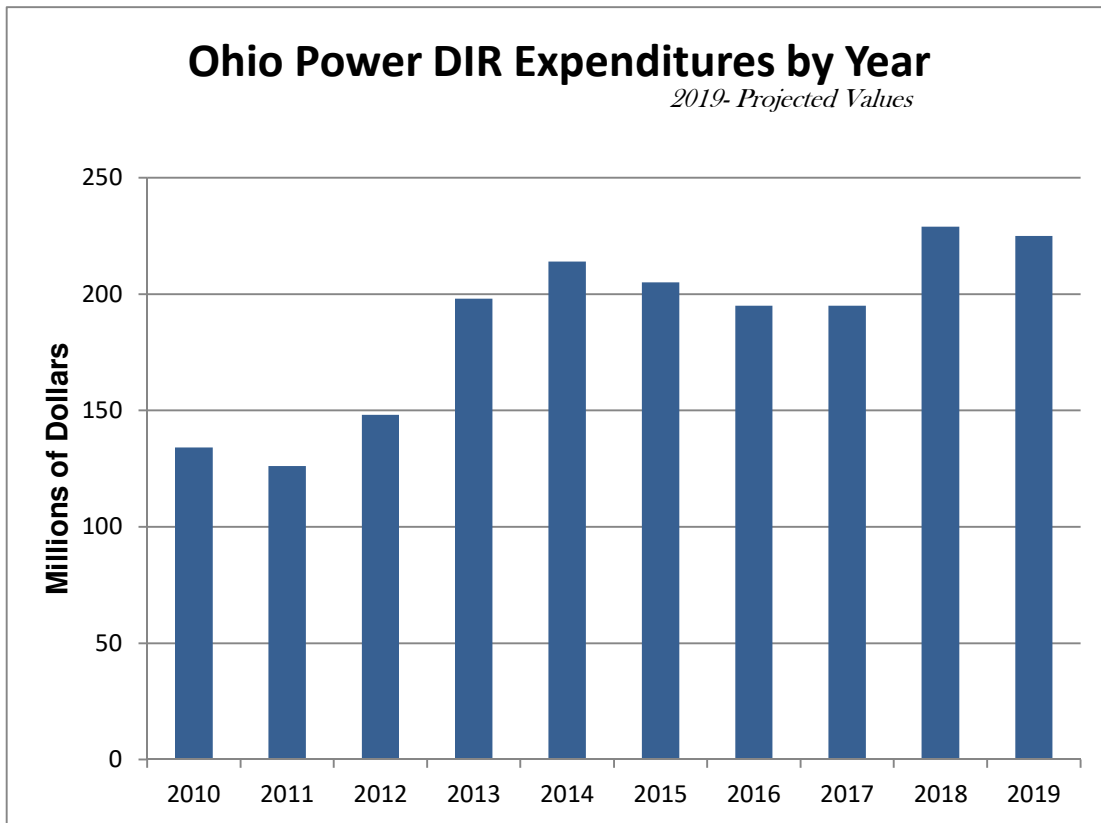
Per the Stipulation in Case Nos. 14-255-EL-RDR, 15-666-EL-RDR, and 16-21-EL-RDR, the Company agreed that "separate and apart from the Company's normal interactions with Staff, the Company agrees to meet annually with the Signatory Parties and non-opposing parties to explain the extent in which the DIR Work Plan is being adapted to address causes within the Company's control that each represent at least ten percent of the outages in the Annual Reliability Report and/or to explain the rationale for why this is not practical or reasonable". This meeting was held on December 17, 2018.

The attached 2019 DIR Work Plan includes estimates of the work to be proactively performed and the expected spending in each category. As expected, anytime there is a proactive program covering an entire year of spending on items as varied as are covered here,

there are likely to be some differences between expectations and performance. However, where possible, the Company has provided a good faith estimate of the expected areas to be impacted, proactively maintained, or replaced to provide a guidepost for future interactions with Staff. These estimates may change over the course of the year, and the quarterly updates provided to Staff may reflect such changes as well as explanations for the changes.

Overall, the Company's average capital expenditure has significantly increased in the past years due to the DIR program (Chart 1). This spending will still be audited as outlined by the Commission in the *ESP III* Order and *ESP IV* Order. Chart 1 shows the capital expenditure by the million prior to the DIR Program implementation (years 2010 – 2012) and after implementation (years 2013 – 2019). As shown in Chart 1, the expenditure levels are greater in the DIR plan years per the approval of the DIR. The values in the charges exclude costs associated with the gridSMART® and the Enhanced Service Reliability Riders.

Chart 1



While the overall DIR plan will have a positive effect on reliability improvement experienced by customers, inherently, there are some components that may not be measured in a quantitative reduction in the amount of outages. Where investments are made in specific asset categories to proactively address known performance needs, the Company will track reliability improvements in that asset subset. Because the work plan components involve a proactive approach focused on the best methods to impact long-term reliability improvements, the goal is to prevent the outages that may occur in the future from happening. This is a proactive approach to ensure that things working now will continue to work and no further degradation of the system will result in further outages.

Reflected in the 2019 DIR Plan, the Company has provided a column to show the number of Worst Performing Circuits being addressed by the DIR Program. It is important to address worst performing circuits, and the DIR Program is a tool which allows for these circuits to be addressed by the various programs and thereby improve reliability or proactively reduce future outages. A single circuit may be reflected under several programs. It is also important to note that not all worst performing circuit issues can be addressed by DIR programs because some of those circuits may require non-capital maintenance activities, and O&M spending is not reflected in the DIR Plan.

The Company was able to show positive reliability results based on programs with a reliability impact as shown on the plan for 2017. Reliability improvement values were shared with Staff. The results showed a positive improvement for all reliability programs as well as an estimate for avoided outages. These results reinforce the benefit of the DIR Program.

As ordered in Case No. 13-2394-EL-UNC, the Company has provided Staff the reliability improvements each year. AEP Ohio provided Staff with the 2017 reliability impacts on April 18, 2018 as well as quantification of avoided outages. In compliance with the DIR Stipulation (“DIR Stipulation”) in Case Nos. 14-255-EL-RDR, 15-666-EL-RDR, and 16-21-EL-RDR, the Company agreed to provide annual updates to the Signatory Parties and non-opposing parties demonstrating the quantifiable impact that those DIR programs have had on customer reliability performance. Although the ESP III Order, ESP IV Order, and the DIR Stipulation did not specify a date by which the Company needs to provide the same information, the Company recommends providing the data for the 2018 DIR Plan to staff and the Signatory Parties and non-opposing parties in the DIR Stipulation in writing by April 19, 2019. The reporting of data in

April allows the Company time to adequately review and submit the information and would not overlap with the Company's annual rule reporting efforts for Rule 26, 27, 10 and 9.

Going forward, the Company and Staff will continue to work cooperatively evaluating the progress of the programs outlined in the DIR work plan. Various elements may affect the execution of the plan during 2019, such as storms, resource availability, and mutual assistance to other utilities. These factors will be shared with Staff during the year. The Company provides this filing and attachments detailing the components to satisfy the requirements related to the DIR review from the May 21, 2014 Finding and Order in Case No. 13-2394-EL-UNC, the February 25, 2015 Finding and Order in Case No. 13-2385-EL-SSO, and the April 25, 2018 Finding and Order in Case No. 16-1852-EL-SSO.

Respectfully submitted,

//s/ Steven T. Nourse

Steven T. Nourse

American Electric Power Service Corporation

1 Riverside Plaza, 29th Floor

Columbus, Ohio 43215

Telephone: (614) 716-1608

Fax: (614) 716-2014

Email: stnourse@aep.com

Counsel for Ohio Power Company

CERTIFICATE OF SERVICE

I hereby certify that a copy of the document above was provided to the Commission Staff and a courtesy copy to the office of the Ohio Consumers' Counselor, by email on this 11th day of January, 2019.

//s/ Steven T. Nourse
Steven T. Nourse

Section A subtotal

2019						
DFR Component	Program Description	Measures for Reliability Improvements	2018 Filing Rule 11 Work	Expected Reliability Improvements	Equipment Affected	Measurement Units
Section B						
Network Capacity	Network transformers, protectors, vaults, manholes, cable, switches, etc.	There is no reliability impact.		NA	Network transformers, manholes, cable, switches, etc.	n/a
Capacity Additions	This program is designed to install new Distribution station and line capacity to serve additional load.	There is no reliability impact.		NA		\$0
Integrated Volt Var Systems	This program provides improved efficiency through voltage optimization. The program's primary focus is to reduce electrical demand and/or accomplish energy conservation.	There is no reliability impact.		NA		\$16,000,000
Customer Service Work	This component involves work requested by a third party. This includes work for customer requested projects, such as the installation of new equipment, or the replacement of existing equipment. AEP Ohio owned poles for other who are attached or propose to attach to AEP Ohio owned poles.	There is no reliability impact.		NA	NA	n/a
Third Party Work Request	This component involves work requested by a governmental entity such as a township, city or the state. Public projects generally consist of work associated with road improvement projects which benefit the public. This involves the capital work AEP Ohio does to accommodate these governmental projects.	There is no reliability impact.		NA	NA	n/a
Public Project Relocation	This component involves day to day work for service restorations which are excluded from the major event category of outages. This would include capital dollars for such things as equipment replacement, or the replacement of capital dollars associated with the work performed in AEP Ohio. Incremental capital dollars associated with the ESRR filing will be removed from the DFR filing used to establish the rate.	There is no reliability impact.		NA	NA	n/a
Service Restoration	This component involves day to day work for service restorations which are excluded from the major event category of outages. This would include capital dollars for such things as equipment replacement, or the replacement of capital dollars associated with the work performed in AEP Ohio. Incremental capital dollars associated with the ESRR filing will be removed from the DFR filing used to establish the rate.	There is no reliability impact.		NA	NA	n/a
Forestry	This component involves day to day work for service restorations which are excluded from the major event category of outages. This would include capital dollars for such things as equipment replacement, or the replacement of capital dollars associated with the work performed in AEP Ohio. Incremental capital dollars associated with the ESRR filing will be removed from the DFR filing used to establish the rate.	There is no reliability impact.		NA	NA	n/a
Transformer Blanket	This component includes Engineering labor, Field and Material & supplies.	There is no reliability impact.		NA	NA	n/a
Engineering & Field Line	This component includes Engineering labor, Field and Material & supplies.	There is no reliability impact.		NA	NA	n/a
Customer Meter Blanket	This component includes AEP Ohio items which are involved in day to day work components of service to customers. The would include revenue credits and contribution in aid to construction credits.	There is no reliability impact.		NA	NA	n/a
Renewal / Reimbursements	NA	There is no reliability impact.		NA	NA	n/a
Other	NA	There is no reliability impact.		NA	NA	n/a
Section B Subtotal:					\$110,435,000	
Grand Total:					\$225,000,000	

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

1/11/2019 4:12:05 PM

in

Case No(s). 18-1786-EL-RDR

Summary: Notice - Notice of Ohio Power Company's Commission-Requested Distribution Investment Rider Work Plan electronically filed by Mr. Steven T Nourse on behalf of Ohio Power Company