



Emily M. Farah  
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June 13, 2019

**Via Overnight Mailing**

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Keystone Bldg. 2nd Floor W  
400 N. Street  
Harrisburg, PA 17120

RECEIVED

JUN 13 2019

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**RE: Letter of Notification of Duquesne Light Company, Filed Pursuant to 52 Pa. Code Chapter 57 Subchapter G, for Approval to install a new 138 kV line and reconductor existing circuits to support the Southeast Capacity Project located in the Borough of Dravosburg, Borough of West Mifflin, Borough of Jefferson Hills, Union Township, and Forward Township in Allegheny and Washington Counties, Pennsylvania.  
Docket No. A-2019-3009698**

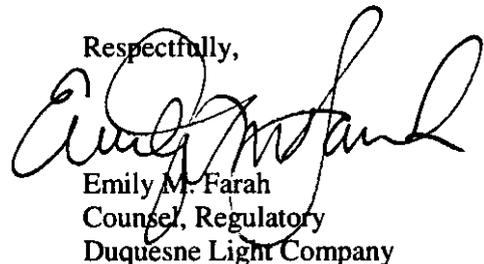
Dear Secretary Chiavetta:

By Letter dated June 4, 2019 the Bureau of Technical Utility Services ("TUS") propounded one Data Request (identified as "A-1") upon Duquesne Light Company ("Duquesne Light" or the "Company") in connection with Letter of Notification filed at Docket No. A-2019-3009698 ("Southeast Capacity Project LON"). Enclosed is Duquesne Light's response to the A-1 Data Request. The response includes an updated Attachment 2 to the Southeast Capacity Project LON, which contains Confidential Security Information ("CSI") as that term is defined by 52 Pa. Code § 102.1. As such, and Duquesne Light respectfully requests the Commission treat the updated Attachment 2 included with its response to A-1 as a confidential and CSI-classified document.

The enclosures labeled "DR Attachment 1" and "DR Attachment 2" do not contain CSI and are not confidential.

A copy of this cover letter has been served upon TUS staff. Please contact me if you have any questions, comments, or concerns.

Respectfully,



Emily M. Farah  
Counsel, Regulatory  
Duquesne Light Company

cc: Jeremy Haring (w/out encl.)

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Letter of Notification of Duquesne Light :  
Company, Filed Pursuant to 52 Pa. Code : Docket No. A-2019-3009698  
Chapter 57 Subchapter G, for Approval to :  
install a new 138 kV line and reconductor :  
existing circuits to support the Southeast :  
Capacity Project located in the Borough of :  
Dravosburg, Borough of West Mifflin, Borough :  
of Jefferson Hills, Union Township, and :  
Forward Township in Allegheny and :  
Washington Counties, Pennsylvania.

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**VERIFICATION**

I, Jason Harchick, being the GENERAL MANAGER OF SYSTEM PLANNING, PROTECTION, AND COMPLIANCE at Duquesne Light Company, hereby state that the facts above set forth are true and correct to the best of my knowledge, information and belief, and that I expect Duquesne Light Company to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities).



Jason Harchick, P.E.  
General Manager, System Planning, Protection, and Compliance

Date: 6/13/2019

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**Bureau of Technical Utility Services  
Data Request**

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

Docket No. A-2019-009698

Note: If any responses contain Confidential Security Information (CSI), please inform TUS staff via phone call or email.

A-1 Reference the Letter of Notification, Footnote 1. Please provide updated details for PJM baseline Project ID B3012

**Response:**

When Duquesne Light Company ("Duquesne") submitted the Letter of Notification, the scope of baseline Project ID b3012 was for FirstEnergy ("FE") to construct two (2) new 138 kV tie-line circuits, on separate pole lines, from the new FE Route 51 substation to the new Duquesne Elrama substation. FE subsequently identified an alternative solution that PJM presented to the PJM Transmission Expansion Advisory Committee ("TEAC") on May 16, 2019. Additional details can be found in the PJM TEAC presentation included with this response, identified as "DR Attachment 1." PJM's Reliability Committee approved the changes to baseline Project ID b3012 on behalf of the PJM Board pursuant to the enclosed letter dated June 13, 2019, identified as "DR Attachment 2."

With respect to Duquesne Light's transmission projects, the updated scope for baseline Project ID b3012 is as follows:

1. FirstEnergy to construct two new 138 kV tie-line circuits, on a single double circuit pole line (in lieu of constructing them on separate pole lines), from the new FE Route 51 substation to the new Duquesne Elrama substation. This portion of baseline Project ID b3012 does not bear any scope or costs effects to Duquesne.
2. Duquesne Light and FirstEnergy to establish a third new 138 kV tie-line circuit from the Route 51 substation to the Elrama substation by cutting the Shepler Hill Junction-Mitchell and Elrama-Mitchell 138 kV circuits and tying them together. It should be noted, as discussed in the Letter of Notification, that Duquesne planned to reconnector the Elrama-Mitchell (Z-111) 138 kV circuit as part of the Southeast Capacity Project. In light of these changes, Duquesne still plans on reconnectoring this circuit, however will only do so from the Elrama substation to the cut and tie point with the Shepler Hill Junction-Mitchell 138 kV circuit. Duquesne estimates that this portion of baseline Project ID 3012 will increase Duquesne's costs by approximately \$1,000,000.

Presently, the Shepler Hill Junction-Mitchell and Elrama-Mitchell 138 kV circuits cross within their last several conductor spans outside of the FE Mitchell station. It is at this point where the two circuits will be cut and tied together. One (1) new steel monopole will be installed and owned by Duquesne to accommodate the tie of these two circuits. The new monopole will be located entirely within existing Duquesne right-of-way. All idled Duquesne-owned equipment associated with

creation of the third new Elrama-Route 51 138 kV circuit will be removed, including the river crossing of the Monongahela River between structure 3476 and the Mitchell substation. Duquesne updated Sheet 3 of the CONFIDENTIAL Attachment 2 attached to the original filing to reflect the changes to PJM Project ID b3012. Attachment 2 contains Confidential Security Information ("CSI") and Duquesne Light respectfully requests the Commission treat the updated Attachment 2 as confidential and CSI-classified.

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**DR**

**ATTACHMENT 1**

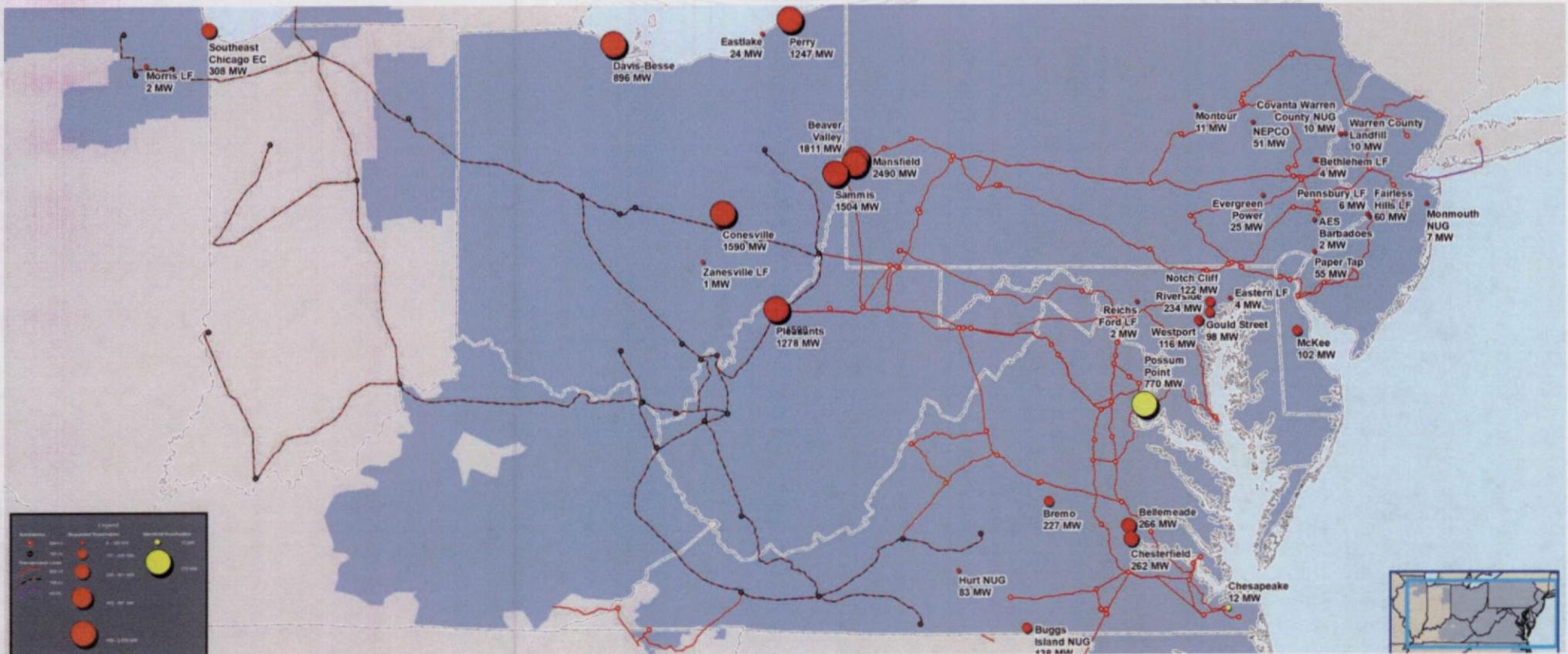


# Generation Deactivation Notification Update

Transmission Expansion Advisory  
Committee  
May 16, 2019



# Generation Deactivations for 2018-2019





## Deactivation Status

| Unit(s)                 | Transmission Zone | Requested Deactivation Date | PJM Reliability Status                                   |
|-------------------------|-------------------|-----------------------------|--|
| Possum Point 5 (770 MW) | Dominion          | 5/31/2021                   | Reliability analysis complete. No violations identified. |
| Chesapeake 2 (12.4 MW)  | Dominion          | 06/07/2019                  | Reliability analysis complete. No violations identified. |

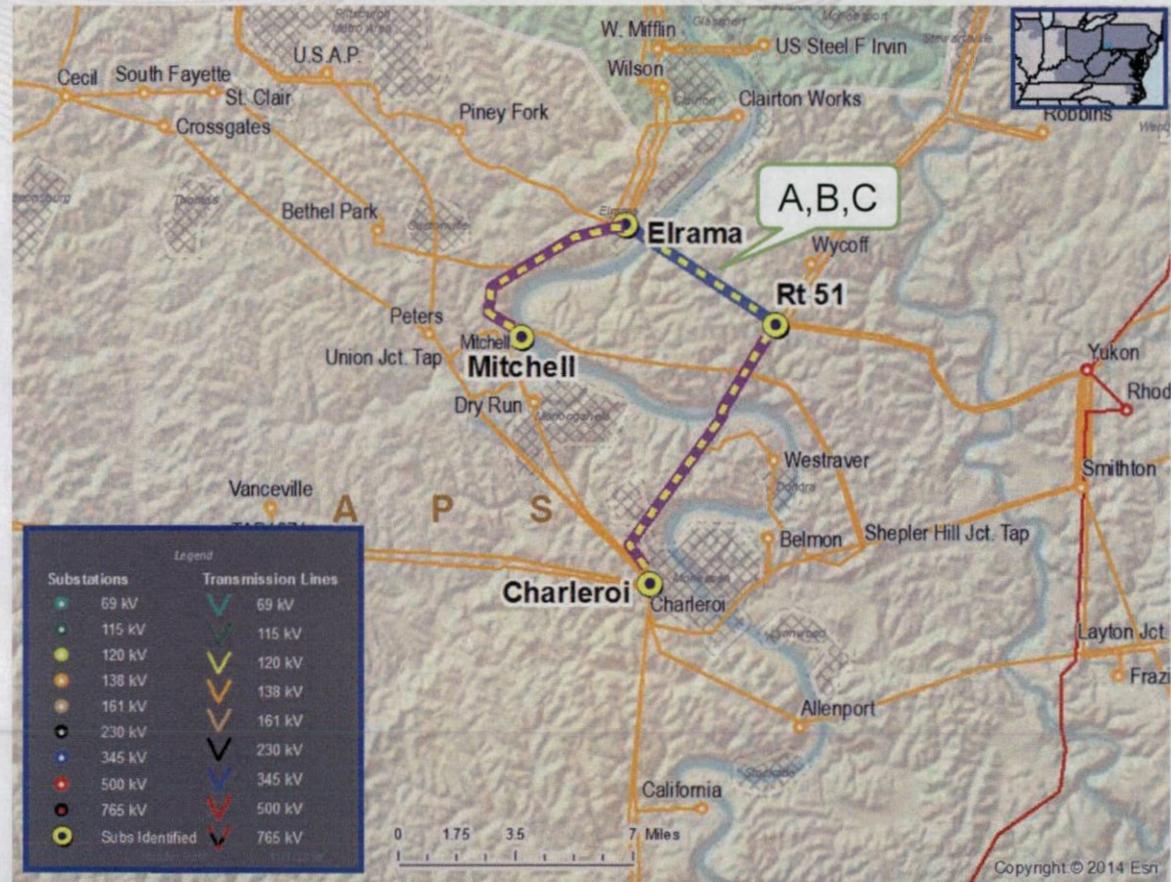


# AP and DLCO Transmission Zone

## Scope Change for B3012

### Scope History

- A. June 7, 2018 TEAC: Initial scope for constructing two new 138 kV ties between Elrama and Route 51 using double circuit construction.
  - Driven by FENOC (nuclear) deactivations
  - Estimated cost: \$9.2M
- B. November 5, 2018: PJM receives FE construction acceptance for b3012
  - FE revised cost and scope to \$23.1M due to detailed estimate;
  - Estimated cost: \$27.7M (FE: \$23.1M; DLCO: \$4.6M)
- C. November 8, 2018 TEAC: Scope revised for additional FES Coal deactivations
  - Separate the two new Elrama – Route 51 circuits onto separate structures to alleviate common structure contingency overloads on the Mitchell - Elrama 138 kV and Route 51 - Charleroi 138 kV #1 and #2 lines.
  - New Estimated cost: \$45.7M (FE: \$41.1M, DLCO:\$4.6M)



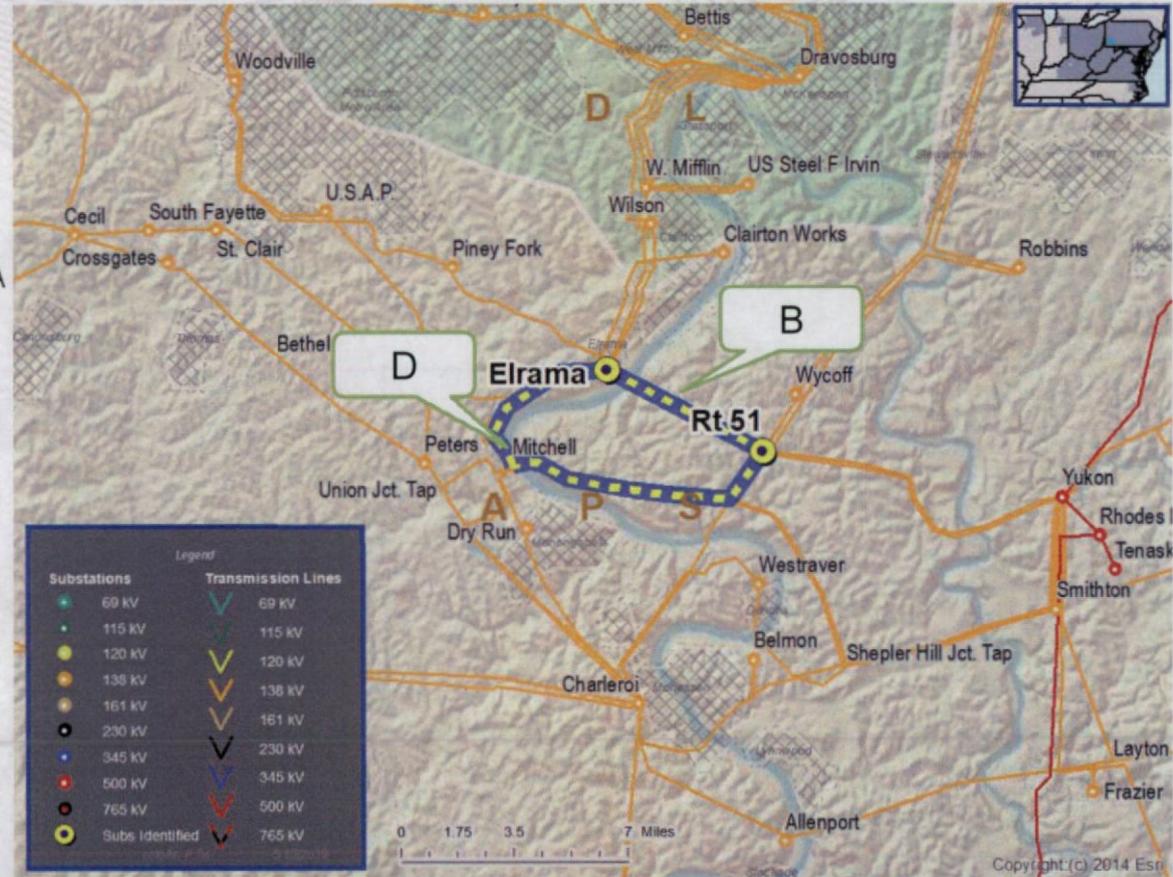


# AP and DLCO Transmission Zone

## Scope Change for B3012 – Continued

### Revised Scope (Combine previous B with new D scope)

- B. Construct two new 138 kV tie lines using double circuit construction
  - o Estimated cost: \$27.7M (FE: \$23.1M; DLCO: \$4.6M)
- D. Construct new Elrama – Route 51 138 kV #3 line (SN 789 MVA / SE 908 MVA).
  - o Reconductor ~4.7 miles of the existing double circuit Shepler Hill Jct. – Mitchell 138 kV line (FE). Line will be six-wired.
  - o Construct ~1.5 miles of new double circuit 138 kV line from Route 51 to the reconducted portion of the Shepler Hill Jct. – Mitchell 138 kV line (FE). Line will be six-wired.
  - o Cut the existing Shepler Hill Jct. – Mitchell 138 kV line at two locations
  - o Cut the Mitchell – Elrama line and connect to the former Shepler Hill Jct. – Mitchell 138 kV line. Establishes new tie line in place of the existing Elrama – Mitchell 138 kV line (DLCO).
  - o Install one new terminal at FE's Route 51 substation (FE).





## AP and DLCO Transmission Zone

### Scope Change for B3012 – Continued Revised Scope (Combine previous B with new D scope)

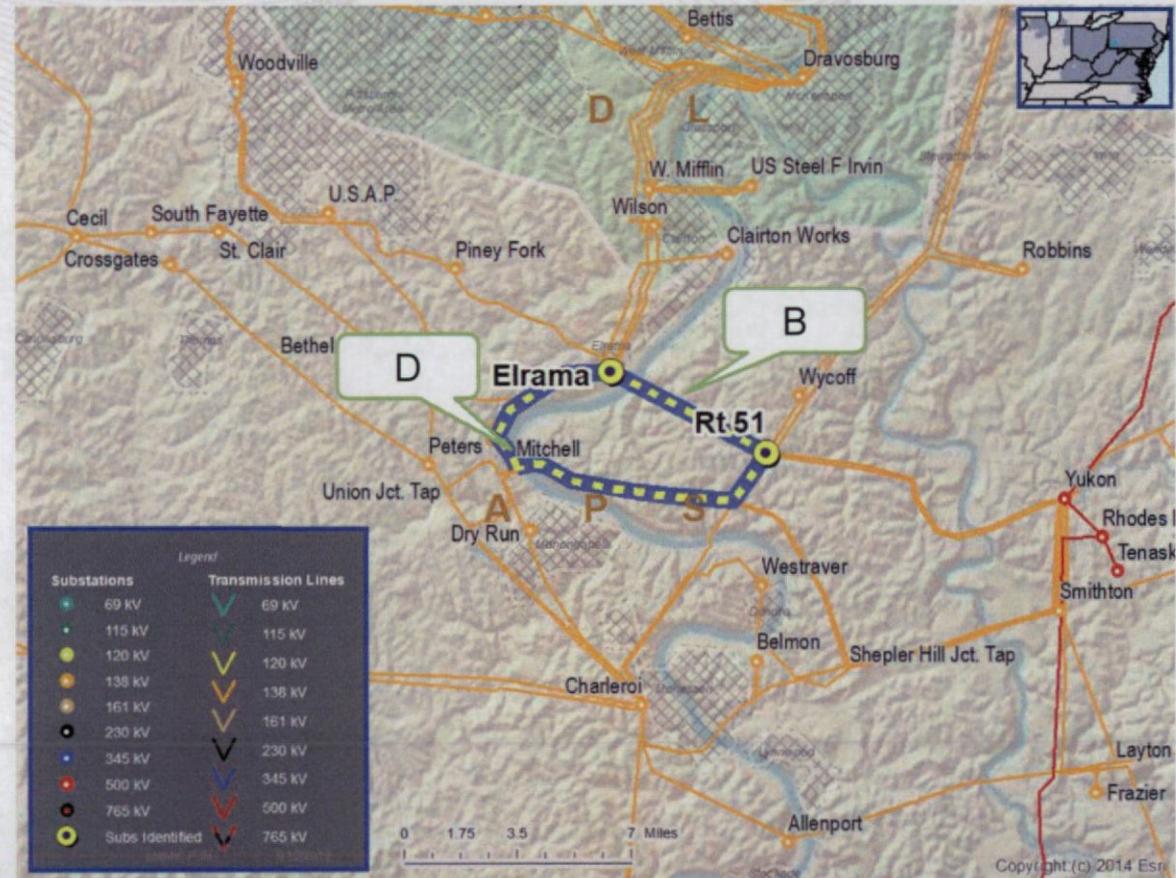
- This project eliminates the need for b2966, which reconductors Yukon - Smithton - Shepler Hill Jct, and replace line disconnect switch at Yukon.
  - o Estimated cost: \$6.7M.

**D project cost: \$19.1 (FE: \$18.1M, DLCO:\$1M)**

**B & D combined cost: \$46.8M**

**Required IS Date: 06/01/2021**

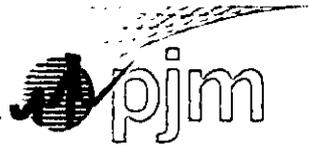
**Projected IS Date: 06/01/2021**





**Revised Scope Change for B3012 – Benefit: \$5.6M**

| <b>Work Description</b>  | <b>Original Scope</b> | <b>Revised Scope</b> |
|--|-----------------------|----------------------|
| Construct new double circuit 138 kV tie lines (b3012 scope B)    | Not Required          | \$27.7M              |
| Construct new circuits on separate structures (b3012 scope C)    | \$45.7M               | Not Required         |
| Construct a new Elrama – Route 51 138 kV #3 line (b3012 scope D) | Not Required          | \$19.1M              |
| Reconductor Yukon - Smithton - Shepler Hill Jct (b2966)          | \$6.7M                | Not required         |
| <b>Total Estimated Cost</b>                                      | <b>\$52.4M</b>        | <b>\$46.8M</b>       |



## Revision History

- V1 – 05/13/2019 – Original slides posted

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**DR**

**ATTACHMENT 2**



2750 Monroe Blvd  
Audubon, PA 19403-2497

Steven R. Herling  
VP, Planning

June 13, 2019

Mr. David Fisfis  
Vice President, Rates & Regulatory Affairs,  
General Counsel and Corporate Secretary  
Duquesne Light Company  
411 7<sup>th</sup> Ave., Mail Drop 16-3  
Pittsburgh, PA 15219

Dear Mr. Fisfis:

This is to follow up with respect to our conversation related to the scope changes for Baseline RTEP Project B3012. The project, involving three 138 kV circuits between the Elrama and Rt 51 substations in Pennsylvania, was approved by our Board at their July 2018 meeting. I have reviewed the recent routing related scope and cost changes that were reviewed at the PJM Transmission Expansion Advisory Committee meeting on May 16, 2019 with our Board. PJM's Reliability Committee has approved the proposed scope changes to Baseline RTEP Project B3012 on behalf of the entire Board. As such, the obligations to complete the modified project, subject to regulatory approvals, remain in force.

If you have any questions, please contact me ([steven.herling@pjm.com](mailto:steven.herling@pjm.com), 610-666-883) or Ken Seiler ([kenneth.seiler@pjm.com](mailto:kenneth.seiler@pjm.com), 610-666-4410) directly.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve R. Herling", written over a white background.

Steve R. Herling

Cc: Aaron Berner  
Kenneth Seiler  
Tonja Wicks

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1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

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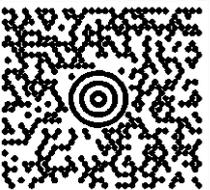
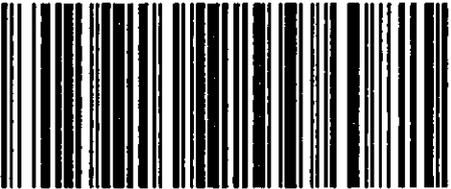
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|  |   |   |        |
|--|---|---|--------|
| ERIN DITOMMASO<br>412-393-6020<br>DUQUESNE LIGHT<br>411 SEVENTH AVENUE<br>PITTSBURGH PA 15219  |   | 1.5 LBS LTR   | 1 OF 1 |
| <b>SHIP TO:</b><br>ROSEMARY CHIAVETTA, SECRETARY<br>412-393-1541<br>PENNSYLVANIA PUC<br>400 NORTH STREET, 2ND FLOOR<br>COMMONWEALTH KEYSTONE BUILDING<br><b>HARRISBURG PA 17120-0093</b> |   |   |        |
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| Cost Center: 004<br>Reference # 2: Emily M. Farah  |   |  |        |

CS 21.1.23. WNTINV50 12.0A 04/2019

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