



Executive Summary
To be publically posted by PJM

Blue indicates input cells for the Proposing Entity to complete
 Orange indicates input cells for PJM to complete

1. Executive Summary

Instructions	Inputs		
Provide the name of the Proposing Entity. If there are multiple entities, please identify each party.	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.a. Proposing Entity name</td> <td style="background-color: black;"></td> </tr> </table>	1.a. Proposing Entity name	
1.a. Proposing Entity name			
Provide the RTEP Proposal Window in which this proposal is being submitted.	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.b. Proposal window</td> <td style="background-color: #cce5ff;">2019 RTEP Open Window</td> </tr> </table>	1.b. Proposal window	2019 RTEP Open Window
1.b. Proposal window	2019 RTEP Open Window		
Provide the Proposing Entity project proposal id. Use "A, B, C, ...", etc. to differentiate between proposals.	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.c. Proposal identification</td> <td style="background-color: black;"></td> </tr> </table>	1.c. Proposal identification	
1.c. Proposal identification			
PJM proposal identification	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.d. PJM proposal identification</td> <td style="background-color: #ffcc00;">2019_1-626</td> </tr> </table>	1.d. PJM proposal identification	2019_1-626
1.d. PJM proposal identification	2019_1-626		
Provide a general description of the scope of this project (e.g. Project is a new line between X and Y substations utilizing AAA structures. A new bay will be created within the existing substation X footprint. Substation Y will be reconfigured to a breaker and a half with accomodations for the new line.)	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.e. General project description</td> <td style="background-color: #cce5ff;">Install a series reactor on the Silverside-Darley line</td> </tr> </table>	1.e. General project description	Install a series reactor on the Silverside-Darley line
1.e. General project description	Install a series reactor on the Silverside-Darley line		
Identify if the proposal or a proposal component span two PJM Transmission Owner zones. I.e. The proposal topology connects equipment owned by more than one Transmission Owner. This group includes transmission that spans two or more affiliated companies (e.g. Meted and Allegheny Power).	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.f. Tie line impact</td> <td style="background-color: #cce5ff;">No</td> </tr> </table>	1.f. Tie line impact	No
1.f. Tie line impact	No		
Indicate if the project is being proposed as a solution to a cross-border (e.g. PJM to MISO, PJM to NYISO) issue. (Note: The Proposing Entity is responsible for initiating and satisfying all regional and interregional requirements.)	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.g. Interregional project</td> <td style="background-color: #cce5ff;">No</td> </tr> </table>	1.g. Interregional project	No
1.g. Interregional project	No		
Indicate if the Proposing Entity intends to construct, own, operate, and maintain the infrastructure built under this proposal.	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.h. Construct, own, operate and maintain</td> <td style="background-color: #cce5ff;">Yes</td> </tr> </table>	1.h. Construct, own, operate and maintain	Yes
1.h. Construct, own, operate and maintain	Yes		
Total current year project cost estimate including estimates for any required Transmission Owner upgrades.	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.i. Project cost estimate (current year)</td> <td style="background-color: #cce5ff;">\$1,000,000.00</td> </tr> </table>	1.i. Project cost estimate (current year)	\$1,000,000.00
1.i. Project cost estimate (current year)	\$1,000,000.00		
Total in-service year project cost estimate including estimates for any required Transmission Owner upgrades.	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.j. Project cost estimate (in-service year)</td> <td style="background-color: #cce5ff;">\$1,142,489.50</td> </tr> </table>	1.j. Project cost estimate (in-service year)	\$1,142,489.50
1.j. Project cost estimate (in-service year)	\$1,142,489.50		
Project estimated schedule duration in months.	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.k. Project schedule duration</td> <td style="background-color: #cce5ff;">24</td> </tr> </table>	1.k. Project schedule duration	24
1.k. Project schedule duration	24		
Indicate if any cost containment commitment is being proposed as part of the project. If yes, the "10. Cost Contain" tab within this project proposal template is to be completed	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.l. Cost containment commitment</td> <td style="background-color: #cce5ff;">No</td> </tr> </table>	1.l. Cost containment commitment	No
1.l. Cost containment commitment	No		
If the project provides any known additional benefits above solving the identified violations or constraints, identify those benefits (e.g. reliability, economic, resilience, etc.).	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.m. Additional benefits</td> <td style="background-color: #cce5ff;"></td> </tr> </table>	1.m. Additional benefits	
1.m. Additional benefits			
Confirm that all technical analysis files have been provided for this proposal.	<table border="1"> <tr> <td style="background-color: #444; color: white;">1.n. Technical analysis files provided</td> <td style="background-color: #444; color: white; text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	1.n. Technical analysis files provided	<input checked="" type="checkbox"/>
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Confirm that all necessary project diagrams have been provided for this proposal.	1.o. <input type="checkbox"/> Project diagram files provided <input checked="" type="checkbox"/>
Indicate if company evaluation and operations and maintenance information has been provided for this proposal.	1.p. <input type="checkbox"/> Company evaluation and operations and maintenance information provided <input type="checkbox"/>
If the answer to the cross-border question above at 1.g. was yes, complete the questions below.	
Indicate if an evaluation for interregional cost allocation is desired.	1.q.i. <input type="checkbox"/> Interregional Cost Allocation Evaluation <input type="text" value="No"/>
	1.q.ii. <input type="checkbox"/> Evaluated in interregional analysis under PJM Tariff or Operating Agreement provisions <input type="text" value="No"/>
Indicate if the proposal has been evaluated in a coordinated interregional analysis under the PJM Tariff or Operating Agreement provisions. Specify the analysis and applicable Tariff or Operating Agreement provisions.	If 'yes,' specify analysis and applicable Tariff or Operating Agreement provisions <input type="text"/>
List the specific regional and interregional violations and issues from the regional and/or interregional analyses that identified the violations and issues addressed by the proposal.	1.q.iii. <input type="checkbox"/> Regional and Interregional violations and issues from the Regional and/or Interregional analyses that identified the violations and issues addressed by the proposal. <input type="text"/>



Major Project Components

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3. Major Project Components					
Instructions			Component 1	Component 2	Component 3
	3.a.	Component description(s)	Install series reactor on Silverside - Darley 69 kV line		
		Describe the scope of work for each major project component. Provide additional detail for each component on the corresponding (yellow) component tab. For example, complete a component on the "Greenfield Sub Comp" tab for each proposed new substation.			
	3.b.	Component cost (current year)			
		Engineering and design			
		Permitting / routing / siting			
		ROW / land acquisition			
		Materials and equipment			
		Construction and commissioning			
		Construction management			
		Overheads and miscellaneous costs			
		Contingency			
Total component cost	\$ 1,000,000.00				
	3.c.	Component cost (in-service year)	\$ 1,142,489.50		
		Provide a project cost breakdown by the indicated categories for each component. State costs in current year dollars.			
	3.d.	Construction responsibility	Delmarva Power & Light Company		
		Identify the entity who will be designated to build the component.			



Substation Upgrade Component

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5. Substation Upgrade Component

Instructions	Inputs-1		
Provide the corresponding component number from the "Project Components" tab.	<table border="1"> <tr> <td data-bbox="1609 413 2175 493">5.a. Component number</td> <td data-bbox="2175 413 3052 493">1</td> </tr> </table>	5.a. Component number	1
5.a. Component number	1		
Identify the name of the existing substation where the upgrade will take place.	<table border="1"> <tr> <td data-bbox="1609 493 2175 574">5.b. Substation</td> <td data-bbox="2175 493 3052 574">Darley</td> </tr> </table>	5.b. Substation	Darley
5.b. Substation	Darley		
Describe the scope of the upgrade work at the identified substation.	<table border="1"> <tr> <td data-bbox="1609 574 2175 735">5.c. Substation upgrade scope</td> <td data-bbox="2175 574 3052 735">Install a series reactor on the Silverside to Darley line at Darley Substation.</td> </tr> </table>	5.c. Substation upgrade scope	Install a series reactor on the Silverside to Darley line at Darley Substation.
5.c. Substation upgrade scope	Install a series reactor on the Silverside to Darley line at Darley Substation.		
Describe any new substation equipment and provide the equipment ratings.	<table border="1"> <tr> <td data-bbox="1609 735 2175 917">5.d. New equipment description</td> <td data-bbox="2175 735 3052 917">One (1) new series reactor.</td> </tr> </table>	5.d. New equipment description	One (1) new series reactor.
5.d. New equipment description	One (1) new series reactor.		
Describe the assumptions that were made about the substation that were used in developing the scope and cost for the upgrade. For example, the use of a bay that appears to be available, the proposed use of an open area within the substation or the relocation of existing equipment.	<table border="1"> <tr> <td data-bbox="1609 917 2175 1118">5.e. Substation assumptions</td> <td data-bbox="2175 917 3052 1118">Available space within substation to install reactor.</td> </tr> </table>	5.e. Substation assumptions	Available space within substation to install reactor.
5.e. Substation assumptions	Available space within substation to install reactor.		
Provide a single line diagram and a station general arrangement drawing for upgraded which change or expand the substation configuration List these documents on the 'Redacted Information' tab under the appropriate project component.	<table border="1"> <tr> <td data-bbox="1609 1118 2175 1280">5.f. Substation drawings</td> <td data-bbox="2175 1118 3052 1280"></td> </tr> </table>	5.f. Substation drawings	
5.f. Substation drawings			
If the substation fence needs to be expanded, indicate the real-estate plan for acquiring the needed land. Also, provide a Google Earth .KMZ file detailing the expansion.	<table border="1"> <tr> <td data-bbox="1609 1280 2175 1441">5.g. Real-estate plan</td> <td data-bbox="2175 1280 3052 1441">No changes to existing substation plot.</td> </tr> </table>	5.g. Real-estate plan	No changes to existing substation plot.
5.g. Real-estate plan	No changes to existing substation plot.		
Describe any files or information that has been redacted from this section and provide the basis for the redaction.	<table border="1"> <tr> <td data-bbox="1609 1441 2175 1576">5.h. Redacted information</td> <td data-bbox="2175 1441 3052 1576"></td> </tr> </table>	5.h. Redacted information	
5.h. Redacted information			



Project Financial Information

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9. Project Financial Information

Instructions

Inputs

Project Schedule

Provide the planned construction period. Include start and end dates (month and year) of capital spend as well as the start and end dates (month and year) of construction. Commercial operation typically begins in the month following the end of construction.

9.a.	Capital spend start date (Mo-Yr)	Jan-20
	Construction start date (Mo-Yr)	Mar-21
	Commercial operation date (Mo-Yr)	Jan-22

Project Capital Expenditures

Provide, in present year dollars, capital expenditure estimates by year for the Proposing Entity, work to be completed by others (e.g. incumbent TO) and total project. Include all capital expenditure, such as ongoing expenditures, for which the Proposing Entity plans to seek FERC approval for recovery.

9.b.	Capital expenditure details	Total	2019	2020	2021	2022	2023	2024
	Engineering and design							
	Permitting / routing / siting							
	ROW / land acquisition							
	Materials and equipment							
	Construction and commissioning							
	Construction management							
	Overheads and miscellaneous costs							
	Contingency							
	Proposer total capex							
	Work by others capex							
	Total project capex	\$ 1,000,000	\$ -	\$ 290,000	\$ 674,500	\$ 35,500	\$ -	\$ -

Provide a yearly AFUDC cash flow, even if AFUDC is not going to be employed.

9.c.		Total	2019	2020	2021	2022	2023	2024
	AFUDC	\$ -						

Describe any files or information that has been redacted from this section and provide the basis for the redaction.

9.d.	Assumptions for the capital expenditure estimate	

Describe any files or information that has been redacted from this section and provide the basis for the redaction.

9.e.	Redacted information	