



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: #4a5558; color: white;">1.a.</td> <td style="background-color: #4a5558; color: white;">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: #4a5558; color: white;">1.b.</td> <td style="background-color: #4a5558; color: white;">Proposal window</td> <td style="background-color: #c6c8ca;">2019 Proposal Window 1</td> </tr> </table>	1.b.	Proposal window	2019 Proposal Window 1
1.b.	Proposal window	2019 Proposal Window 1		
Provide the Proposing Entity project proposal id. Use "A, B, C, ...", etc. to differentiate between proposals.	<table border="1"> <tr> <td style="background-color: #4a5558; color: white;">1.c.</td> <td style="background-color: #4a5558; color: white;">Proposal identification</td> <td style="background-color: black;"></td> </tr> </table>	1.c.	Proposal identification	
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PJM proposal identification	<table border="1"> <tr> <td style="background-color: #4a5558; color: white;">1.d.</td> <td style="background-color: #4a5558; color: white;">PJM proposal identification</td> <td style="background-color: #ffc107;">2019_1-574</td> </tr> </table>	1.d.	PJM proposal identification	2019_1-574
1.d.	PJM proposal identification	2019_1-574		
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: #4a5558; color: white;">1.e.</td> <td style="background-color: #4a5558; color: white;">General project description</td> <td style="background-color: #c6c8ca;">This project adds two 765 kV circuit Breakers at Wilton Center substation and moves the Collins - Wilton Center 765 kV line to a new bus position on the ring.</td> </tr> </table>	1.e.	General project description	This project adds two 765 kV circuit Breakers at Wilton Center substation and moves the Collins - Wilton Center 765 kV line to a new bus position on the ring.
1.e.	General project description	This project adds two 765 kV circuit Breakers at Wilton Center substation and moves the Collins - Wilton Center 765 kV line to a new bus position on the ring.		
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: #4a5558; color: white;">1.f.</td> <td style="background-color: #4a5558; color: white;">Tie line impact</td> <td style="background-color: #c6c8ca;">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: #4a5558; color: white;">1.g.</td> <td style="background-color: #4a5558; color: white;">Interregional project</td> <td style="background-color: #c6c8ca;">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: #4a5558; color: white;">1.h.</td> <td style="background-color: #4a5558; color: white;">Construct, own, operate and maintain</td> <td style="background-color: #c6c8ca;">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: #4a5558; color: white;">1.i.</td> <td style="background-color: #4a5558; color: white;">Project cost estimate (current year)</td> <td style="background-color: #c6c8ca;">\$15.2 M</td> </tr> </table>	1.i.	Project cost estimate (current year)	\$15.2 M
1.i.	Project cost estimate (current year)	\$15.2 M		
Total in-service year project cost estimate including estimates for any required Transmission Owner upgrades.	<table border="1"> <tr> <td style="background-color: #4a5558; color: white;">1.j.</td> <td style="background-color: #4a5558; color: white;">Project cost estimate (in-service year)</td> <td style="background-color: #c6c8ca;">\$17.4 M</td> </tr> </table>	1.j.	Project cost estimate (in-service year)	\$17.4 M
1.j.	Project cost estimate (in-service year)	\$17.4 M		
Project estimated schedule duration in months.	<table border="1"> <tr> <td style="background-color: #4a5558; color: white;">1.k.</td> <td style="background-color: #4a5558; color: white;">Project schedule duration</td> <td style="background-color: #c6c8ca;">36 Months</td> </tr> </table>	1.k.	Project schedule duration	36 Months
1.k.	Project schedule duration	36 Months		
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: #4a5558; color: white;">1.l.</td> <td style="background-color: #4a5558; color: white;">Cost containment commitment</td> <td style="background-color: #c6c8ca;">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: #4a5558; color: white;">1.m.</td> <td style="background-color: #4a5558; color: white;">Additional benefits</td> <td style="background-color: #c6c8ca;"></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: #4a5558; color: white;">1.n.</td> <td style="background-color: #4a5558; color: white;">Technical analysis files provided</td> <td style="background-color: #c6c8ca;"><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="Choose Yes or No"/>
	1.q.ii. <input type="checkbox"/> Evaluated in interregional analysis under PJM Tariff or Operating Agreement provisions <input type="text" value="Choose Yes or 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.	<input type="text" value="If 'yes,' specify analysis and applicable Tariff or Operating Agreement provisions"/>
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="text" value="Regional and Interregional violations and issues from the Regional and/or Interregional analyses that identified the violations and issues addressed by the proposal."/>



Major Project Components

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3. Major Project Components					
Instructions			Component 1	Component 2	Component 3
	3.a.	Component description(s)			
		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.	Expand 765 kV ring bus at Wilton Center, add two 765 kV circuit breakers, and relocate 765 kV line 11216 (Wilton Center - Collins) to a new bus position.		
	3.b.	Component cost (current year)			
		Engineering and design	\$ 102,631.00		
		Permitting / routing / siting	\$ 6,084.00		
		ROW / land acquisition	\$ -		
		Materials and equipment	\$ 3,837,770.00		
		Construction and commissioning	\$ 6,897,720.00		
		Construction management	\$ 525,622.00		
		Overheads and miscellaneous costs	\$ 2,191,680.00		
		Contingency	\$ 1,705,181.00		
		Total component cost	\$ 15,266,688.00	\$ -	\$ -
	3.c.	Component cost (in-service year)			
		For Market Efficiency projects, provide an in-service year component project total cost.			
	3.d.	Construction responsibility	ComEd		
		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="1460 413 1600 493">5.a.</td> <td data-bbox="1600 413 2175 493">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="1460 493 1600 574">5.b.</td> <td data-bbox="1600 493 2175 574">Substation</td> <td data-bbox="2175 493 3052 574">Wilton Center</td> </tr> </table>	5.b.	Substation	Wilton Center
5.b.	Substation	Wilton Center		
Describe the scope of the upgrade work at the identified substation.	<table border="1"> <tr> <td data-bbox="1460 574 1600 715">5.c.</td> <td data-bbox="1600 574 2175 715">Substation upgrade scope</td> <td data-bbox="2175 574 3052 715">Expand the substation yard, add two 765 kV circuit breakers, relocate 765 kV line 11216 (Wilton Center - Collins) to a new bus position.</td> </tr> </table>	5.c.	Substation upgrade scope	Expand the substation yard, add two 765 kV circuit breakers, relocate 765 kV line 11216 (Wilton Center - Collins) to a new bus position.
5.c.	Substation upgrade scope	Expand the substation yard, add two 765 kV circuit breakers, relocate 765 kV line 11216 (Wilton Center - Collins) to a new bus position.		
Describe any new substation equipment and provide the equipment ratings.	<table border="1"> <tr> <td data-bbox="1460 715 1600 876">5.d.</td> <td data-bbox="1600 715 2175 876">New equipment description</td> <td data-bbox="2175 715 3052 876">Two new 765 kV circuit breakers will each be rated 4142/4460/4521 MVA N/LTE/LD</td> </tr> </table>	5.d.	New equipment description	Two new 765 kV circuit breakers will each be rated 4142/4460/4521 MVA N/LTE/LD
5.d.	New equipment description	Two new 765 kV circuit breakers will each be rated 4142/4460/4521 MVA N/LTE/LD		
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="1460 876 1600 1098">5.e.</td> <td data-bbox="1600 876 2175 1098">Substation assumptions</td> <td data-bbox="2175 876 3052 1098"></td> </tr> </table>	5.e.	Substation assumptions	
5.e.	Substation assumptions			
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="1460 1098 1600 1260">5.f.</td> <td data-bbox="1600 1098 2175 1260">Substation drawings</td> <td data-bbox="2175 1098 3052 1260"></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="1460 1260 1600 1380">5.g.</td> <td data-bbox="1600 1260 2175 1380">Real-estate plan</td> <td data-bbox="2175 1260 3052 1380">Exelon already owns the real estate required for this project.</td> </tr> </table>	5.g.	Real-estate plan	Exelon already owns the real estate required for this project.
5.g.	Real-estate plan	Exelon already owns the real estate required for this project.		
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="1460 1380 1600 1562">5.h.</td> <td data-bbox="1600 1380 2175 1562">Redacted information</td> <td data-bbox="2175 1380 3052 1562"></td> </tr> </table>	5.h.	Redacted information	
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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)	May-21
	Construction start date (Mo-Yr)	May-24
	Commercial operation date (Mo-Yr)	Jun-24

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	\$ 15,266,688	\$ -	\$ -	\$ 1,177,643	\$ 5,449,320	\$ 5,449,320	\$ 3,190,404

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	\$ 745,216			\$ 54,172	\$ 253,161	\$ 264,806	\$ 173,077

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