



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.	1.a.	Proposing Entity name
Provide the RTEP Proposal Window in which this proposal is being submitted.	1.b.	Proposal window
Provide the Proposing Entity project proposal id. Use "A, B, C, ...", etc. to differentiate between proposals.	1.c.	Proposal identification
PJM proposal identification	1.d.	PJM proposal identification
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.)	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).	1.f.	Tie line impact
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.)	1.g.	Interregional project
Indicate if the Proposing Entity intends to construct, own, operate, and maintain the infrastructure built under this proposal.	1.h.	Construct, own, operate and maintain
Total current year project cost estimate including estimates for any required Transmission Owner upgrades.	1.i.	Project cost estimate (current year)
Total in-service year project cost estimate including estimates for any required Transmission Owner upgrades.	1.j.	Project cost estimate (in-service year)
Project estimated schedule duration in months.	1.k.	Project schedule duration
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	1.l.	Cost containment commitment
If the project provides any known additional benefits above solving the identified violations or constraints, identify those benefits (e.g. reliability, economic, resilience, etc.).	1.m.	Additional benefits
Confirm that all technical analysis files have been provided for this proposal.	1.n.	Technical analysis files provided



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Confirm that all necessary project diagrams have been provided for this proposal.	1.o. 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. 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. Interregional Cost Allocation Evaluation Choose Yes or No
	1.q.ii. Evaluated in interregional analysis under PJM Tariff or Operating Agreement provisions Choose Yes or No
	If 'yes,' specify analysis and applicable Tariff or Operating Agreement provisions
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.	1.q.iii. Regional and Interregional violations and issues from the Regional and/or Interregional analyses that identified the violations and issues addressed by the proposal.
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.	



Overloaded Facilities

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Facilities addressed by the proposed project



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.																																						
Provide a project cost breakdown by the indicated categories for each component. State costs in current year dollars.	3.b. Component cost (current year)	<table border="1"> <tr><td>Engineering and design</td><td>\$ 102,631.00</td><td></td><td></td></tr> <tr><td>Permitting / routing / siting</td><td>\$ 6,084.00</td><td></td><td></td></tr> <tr><td>ROW / land acquisition</td><td>\$ -</td><td></td><td></td></tr> <tr><td>Materials and equipment</td><td>\$ 3,837,770.00</td><td></td><td></td></tr> <tr><td>Construction and commissioning</td><td>\$ 6,897,720.00</td><td></td><td></td></tr> <tr><td>Construction management</td><td>\$ 525,622.00</td><td></td><td></td></tr> <tr><td>Overheads and miscellaneous costs</td><td>\$ 2,191,680.00</td><td></td><td></td></tr> <tr><td>Contingency</td><td>\$ 1,705,181.00</td><td></td><td></td></tr> <tr><td>Total component cost</td><td>\$ 15,266,688.00</td><td>\$ -</td><td>\$ -</td></tr> </table>	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	\$ -	\$ -		
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For Market Efficiency projects, provide an in-service year component project total cost.	3.c. Component cost (in-service year)																																							
Identify the entity who will be designated to build the component.	3.d. Construction responsibility	ComEd																																						



Substation Upgrade Component

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5. Substation Upgrade Component

Instructions	Inputs-1
Provide the corresponding component number from the "Project Components" tab.	5.a. Component number 1
Identify the name of the existing substation where the upgrade will take place.	5.b. Substation Wilton Center
Describe the scope of the upgrade work at the identified substation.	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.	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.	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.	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.	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.	5.h. Redacted information



Project Financial Information

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9. Project Financial Information

Instructions

Inputs

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.

Project Schedule

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

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.

	Total	2019	2020	2021	2022	2023	2024
AFUDC	\$ 745,216			\$ 54,172	\$ 253,161	\$ 264,806	\$ 173,077

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.

Redacted information

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