



## Executive Summary

### 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	2018/19 RTEP Long-Term 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	201819_1-506
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 accommodations for the new line.)	1.e.	General project description	<p>A new 345 kV line will be constructed between the Maywood and Herleman Substations. The line will be constructed entirely on existing right-of-way and the project will include a rebuild of an existing Palmyra – Marblehead 161 kV line and a Marblehead – Herleman 138 kV line. In addition, there will be roughly 2.5 miles of greenfield transmission line between the Maywood and Palmyra Substations that will be constructed on existing right-of-way. At the Palmyra Substation, the existing Palmyra – Marblehead 161 kV line will be rebuilt as a 345 kV/161 kV, double circuit line. This line will cross the Mississippi River. But, the river crossing has already been constructed as a 345 kV double circuit line. The conductors are installed hard in parallel on river crossing. The 161 kV circuit will terminate at the Marblehead Substation while the 345 kV circuit will bypass the Marblehead Substation. The existing Marblehead – Herleman 138 kV transmission line will also be rebuilt as a 345 kV/138 kV, double circuit line and will carry the 345 kV circuit into the Herleman Substation. When the project is commissioned, the result will be a 2nd Maywood – Herleman 345 kV transmission line that is constructed entirely on existing right-of-way.</p>
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	Yes
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	Yes
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	Yes
Total current year project cost estimate including estimates for any required Transmission Owner upgrades.	1.i.	Project cost estimate (current year)	\$ 34,634,265
Total in-service year project cost estimate including estimates for any required Transmission Owner upgrades.	1.j.	Project cost estimate (in-service year)	\$ 36,018,079



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Project estimated schedule duration in months.	<table border="1"> <tr> <td data-bbox="1510 485 1650 526">1.k.</td> <td data-bbox="1659 485 2293 526">Project schedule duration</td> <td data-bbox="2303 485 2884 526">46</td> </tr> </table>	1.k.	Project schedule duration	46												
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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 data-bbox="1510 556 1650 596">1.l.</td> <td data-bbox="1659 556 2293 596">Cost containment commitment</td> <td data-bbox="2303 556 2884 596">No</td> </tr> </table>	1.l.	Cost containment commitment	No												
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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 data-bbox="1510 626 1650 667">1.m.</td> <td colspan="2" data-bbox="1659 626 2884 747">Additional benefits</td> </tr> </table>	1.m.	Additional benefits													
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Confirm that all technical analysis files have been provided for this proposal.	<table border="1"> <tr> <td data-bbox="1510 802 1650 842">1.n.</td> <td data-bbox="1659 802 2293 842">Technical analysis files provided</td> <td data-bbox="2303 802 2884 842"><input checked="" type="checkbox"/></td> </tr> </table>	1.n.	Technical analysis files provided	<input checked="" type="checkbox"/>												
1.n.	Technical analysis files provided	<input checked="" type="checkbox"/>														
Confirm that all necessary project diagrams have been provided for this proposal.	<table border="1"> <tr> <td data-bbox="1510 899 1650 939">1.o.</td> <td data-bbox="1659 899 2293 939">Project diagram files provided</td> <td data-bbox="2303 899 2884 939"><input checked="" type="checkbox"/></td> </tr> </table>	1.o.	Project diagram files provided	<input checked="" type="checkbox"/>												
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Indicate if company evaluation and operations and maintenance information has been provided for this proposal.	<table border="1"> <tr> <td data-bbox="1510 993 1650 1034">1.p.</td> <td data-bbox="1659 993 2293 1094">Company evaluation and operations and maintenance information provided</td> <td data-bbox="2303 993 2884 1034"><input checked="" type="checkbox"/></td> </tr> </table>	1.p.	Company evaluation and operations and maintenance information provided	<input checked="" type="checkbox"/>												
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Indicate if an evaluation for interregional cost allocation is desired.	<table border="1"> <tr> <td colspan="3" data-bbox="1659 1124 2884 1165">If the answer to the cross-border question above at 1.g. was yes, complete the questions below.</td> </tr> <tr> <td data-bbox="1510 1225 1650 1266">1.q.i.</td> <td data-bbox="1659 1225 2293 1266">Interregional Cost Allocation Evaluation</td> <td data-bbox="2303 1225 2884 1266">Yes</td> </tr> <tr> <td data-bbox="1510 1352 1650 1393">1.q.ii.</td> <td data-bbox="1659 1326 2293 1423">Evaluated in interregional analysis under PJM Tariff or Operating Agreement provisions</td> <td data-bbox="2303 1326 2884 1423">Yes</td> </tr> <tr> <td colspan="3" data-bbox="1659 1463 2884 1534">If 'yes,' specify analysis and applicable Tariff or Operating Agreement provisions</td> </tr> <tr> <td colspan="3" data-bbox="1659 1548 2884 1628">The Project should be evaluated according to the MISO-PJM JOA and the PJM Operating Agreement and Tariff</td> </tr> </table>	If the answer to the cross-border question above at 1.g. was yes, complete the questions below.			1.q.i.	Interregional Cost Allocation Evaluation	Yes	1.q.ii.	Evaluated in interregional analysis under PJM Tariff or Operating Agreement provisions	Yes	If 'yes,' specify analysis and applicable Tariff or Operating Agreement provisions			The Project should be evaluated according to the MISO-PJM JOA and the PJM Operating Agreement and Tariff		
If the answer to the cross-border question above at 1.g. was yes, complete the questions below.																
1.q.i.	Interregional Cost Allocation Evaluation	Yes														
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If 'yes,' specify analysis and applicable Tariff or Operating Agreement provisions																
The Project should be evaluated according to the MISO-PJM JOA and the PJM Operating Agreement and Tariff																
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.	<table border="1"> <tr> <td data-bbox="1510 1705 1650 1745">1.q.iii.</td> <td colspan="2" data-bbox="1659 1675 2884 1766">Regional and Interregional violations and issues from the Regional and/or Interregional analyses that identified the violations and issues addressed by the proposal.</td> </tr> <tr> <td colspan="3" data-bbox="1659 1786 2884 1836">The Marblehead Transformer is a targeted flowgate in both MISO and PJM</td> </tr> </table>	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.		The Marblehead Transformer is a targeted flowgate in both MISO and PJM											
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## Major Project Components

### 3. Major Project Components

#### Instructions

Provide a description for each major project component. Each project component will require the completion of the tab corresponding to the category of the component ("Greenfield Substation Component" tab for any proposed new substation, for example).

Provide a component project cost breakdown into the identified categories along with a total component cost. Costs should be in current year dollars.

If this proposal is being submitted as Market Efficiency project, provide an in-service year component project total cost.

Identify the entity who will be designated the component.

	Component 1	Component 2	Component 3
<b>3.a. Component description(s)</b>	Add a breaker to the Herleman ring bus to accommodate the new line position. There is a position available so no expansion is needed.	Rebuild the Palmyra – Marblehead 161 kV line and the Marblehead – Herleman 138 kV line as double circuit lines. On the open position run a 345 kV line from Palmyra to Herleman creating a new Palmyra – Herleman 345 kV line.	Add a new leg to the Breaker and a Half substation at Maywood.
<b>3.b. Component cost (current year)</b>			
Engineering and design			
Permitting / routing / siting			
ROW / land acquisition			
Materials and equipment			
Construction and commissioning			
Construction management			
Overheads and miscellaneous costs			
Contingency			
<b>Total component cost</b>	\$ 2,200,339	\$ 27,957,298	\$ 4,476,628
<b>3.c. Component cost (in-service year)</b>	\$ 2,282,873	\$ 29,095,024	\$ 4,640,182
<b>3.d. Construction responsibility</b>			



## Substation Upgrade Component

### 5. Substation Upgrade Component

Instructions	Inputs-1	
Provide the corresponding component number from the "Project Components" tab of the proposal template <b>5.a.</b>	<b>Component number</b>	1
Identify the name of the existing substation where the upgrade will take place.	<b>5.b. Substation</b>	Herleman
Describe the scope of the upgrade work at the identified substation.	<b>5.c. Substation upgrade scope</b>	Upgrade Herleman substation ring bus to include 4th position.
Describe any new substation equipment and provide the equipment ratings.	<b>5.d. New equipment description</b>	One (1) New 345kV Circuit Breaker Three (3) New 345kV Disconnect Switches Bus, Conductor, and Instrument Transformers
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.	<b>5.e. Substation assumptions</b>	ATXI has confirmed that there is room in the substation to add the breaker position at Herleman. ATXI owns the Herleman substation.
If the upgrade changes or expands upon the substation configuration provide a single line diagram and a station general arrangement drawing. These documents should be provided on the 'Redacted Information' tab under the appropriate project component.	<b>5.f. Substation drawings</b>	
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.	<b>5.g. Real-estate plan</b>	The fence line will not need to be expanded
Describe any files or information that has been redacted from this section and provide the basis for	<b>5.h. Redacted information</b>	N/A



## Reconductor/Rebuild Transmission Line Component

### 4. Transmission Line Reconductor/Rebuild Component

#### Instructions

Provide the corresponding component number from the "Project Components" tab of the proposal template.

Identify the line terminal points. Add additional spaces if required.

Provide the size and type conductor that will be removed.

Indicate whether the existing line hardware will be reused. If so, provide the age and condition of the hardware.

Provide the condition and age of the existing structures. Describe the findings of any recent inspections or of analysis that has indicated a need for structural repair or reinforcement to re-conductor the line.

Describe the terrain that the existing line traverses. Additionally, provide a Google Earth .KMZ file with the existing line path as an included document with the project proposal package.

Provide the target ratings for the line.

Provide the type and size of the conductor to be installed.

#### Inputs - 1

4.a.	Component number	2
4.b.	Terminal points	Palmyra 345 kV Substation Palmyra 161 kV Substation Marblehead 136/138 kV substation Herleman 345 kV substation

#### Existing Line Physical Characteristics

4.c.	Existing conductor size and type	954 kcmil 45/7 Rail ACSR
4.d.	Existing hardware plan	All new hardware

4.e.	Existing tower line characteristics	With the exception of the structures that span the Mississippi River all other structure will be replaced as part of the scope of this project. The Mississippi River crossing is constructed on steal lattice towers and is in good condition
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4.f.	Terrain description	Generally flat farmfield with little elevation change with a 4650 ft river crossing. The river corssing is already constructed for a double circuit 345 kV line. It will not require any additional work.
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#### Reconductor/Rebuild Component Plan

4.g.	Component target ratings	345kV line: 2600 A, 161kV line: 1600
4.h.	Proposed conductor size and type	345kV: Bundled (2 cond.) 795 kcm 26/7 Drake ACSS 161kV: 795 kcm 26/7 Drake ACSS





# Reconductor/Rebuild Transmission Line Component

## 4. Transmission Line Reconductor/Rebuild Component

### Instructions

Provide the corresponding component number from the "Project Components" tab of the proposal template.

If the shield wire is to be replaced, identify the type and size to be used.

Describe the amount of the line that is anticipated to be rebuilt versus reconducted. Provide any assumptions that were used in arriving at this determination. If specific line sections have been identified for rebuild, provide route maps for (or specify in a Google Earth .KMZ file) those segments and identify the areas.

Describe the segments of the existing right-of-way that will need to be expanded or any newly required rights-of-way that will be required. If new or expanded right-of-way is required, provide route maps for (or specify in a Google Earth .KMZ file) those segments and identify the areas.

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

### Inputs - 1

4.a.

Component number

2

4.i.

Proposed shield wire size and type

7#7 Alumoweld

4.j.

Rebuild portion

Except for the section of the line that spans the Mississippi River the entire line will be rebuilt as a double circuit (one 345kV circuit and one 161kV circuit) line on steel monopole structures. Tangents and angles up to 20° line angles will be suspension structures utilizing V-string hardware assemblies. Above 20° line angles will be strain structures.

4.k.

Right of way

No new right of way is required to construct this project.

4.l.

Redacted information



## Greenfield Transmission Line Component

### 6. Transmission Line Component

Provide the corresponding component number from the "Project Components" tab of the

<b>6.a.</b>	<b>Component Number</b>	
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Provide the substation endpoints for the proposed transmission line component.

<b>6.b.</b>	<b>Line terminal points</b>	Palmyra 345 kV Substation Maywood 345 kV Substation
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Provide the target ratings for the proposed line.

<b>6.c.</b>	<b>Project ratings</b>	3000 A
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Provide the proposed conductor type and size.

<b>6.d.</b>	<b>Conductor type and size</b>	Bundled (2 cond.) 795 kcm 26/7 Drake ACSS
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Provide a general description of the line, including nominal voltage, whether the facility will be AC or DC and if the construction will be overhead, underground, submarine or some combination.

<b>6.e.</b>	<b>General line description</b>	2.5 mi single circuit, 345kV AC transmission line built on wood h-frame structures (overhead)
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Provide a general description of the evaluated routes or routing study area. Provide a Google Earth .KMZ file with the evaluated routes or study plan.

<b>6.f.</b>	<b>General route description</b>	The route will parallel 3 existing 345kV lines (1 single circuit and 1 double circuit line). The line includes no line angles outside of those required to get into each substation.
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Describe the terrain traversed by the proposed new line.

<b>6.g.</b>	<b>Terrain description</b>	Flat farmfield.
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Route description by segment that includes lengths and widths and classified by whether the segment will be new right of way, an expansion of an existing right of way or use an existing right of way. This information may be included with the Google Earth .KMZ.

<b>6.h.</b>	<b>Right of way plan by segment</b>	The complete route will utilize existing easement that runs along side 3 existing Ameren 345kV lines.
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## Greenfield Transmission Line Component

### 6. Transmission Line Component

Provide the project right of way and land acquisition plan and approach for both public and private lands.

#### 6.i. ROW and land acquisition plan

no new ROW will be required.

Provide the location and plan for any transmission facility crossings.

#### 6.j. Transmission facility crossings

There is potential for crossing under a 345kV line immediately outside of the Palmyra substation.

Provide an assessment of the potential environmental impacts (i.e. environmental impact study requirements, environmental permitting, sediment, and erosion control issues).

#### 6.k. Environmental impacts

At this time we do not believe a formal Federal Environmental Impact Statement will be required for this project. [REDACTED] will review the project site for potential wetlands, threatened and endangered species and habitat, and cultural resource concerns and will work with the appropriate regulatory agencies to avoid, minimize, and mitigate any potential impacts and obtain any permits required for the planned construction activities.

[REDACTED] will also review and comply with State and Local regulatory agency requirements regarding sediment and erosion control from the construction activities as well as any storm water design or control requirements for operation of the site after construction.

[REDACTED] will review the property for potential floodplain impacts and will work with the appropriate State and Local agencies to minimize any impacts and obtain any required permits.

[REDACTED] will review the property to determine if there are any drainage district or levee district assets that may be impacted by the construction of this project. [REDACTED] will consult with the appropriate USACE District office and local authorities to obtain any permits or reviews required for construction.

Proposed tower characteristics such as monopole, lattice, wood h-frame design, double or single circuit, and horizontal, vertical or delta conductor configurations. Note, preliminary drawings for proposed structure types are acceptable in place of a written description.

#### 6.l. Tower characteristics

wood h-frame structures, single circuit, horizontal configuration.

Describe any files or information that has been redacted from this section and provide

#### 6.m. Redacted information



## Substation Upgrade Component

### 5. Substation Upgrade Component

#### Instructions

Provide the corresponding component number from the "Project Components" tab of the proposal template **5.a.**

Identify the name of the existing substation where the upgrade will take place.

Describe the scope of the upgrade work at the identified substation.

Describe any new substation equipment and provide the equipment ratings.

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.

If the upgrade changes or expands upon the substation configuration provide a single line diagram and a station general arrangement drawing. These documents should be provided on the 'Redacted Information' tab under the appropriate project component.

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.

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

#### Inputs-1

##### Component number

3

##### Substation

Maywood

##### Substation upgrade scope

Construct new leg of breaker and half layout. Will relocate the terminal connection for Maywood - Palymra line at the same time.

##### New equipment description

Three (3) new 345kV Circuit Breakers  
Seven (7) new 345kV Disconnect Switches  
Misc. bus, conductor, instrument transformers

##### Substation assumptions

ATXI has confirmed that there is room in the substation to add the breaker and a half leg at Maywood. ATXI owns the Maywood substation.

##### Substation drawings

##### Real-estate plan

The fence line will not need to be expanded

##### Redacted information

N/A

**9. Project Financial Information**

**Instructions**

Provide the planned construction period, include the month and year of when capital spend will begin, when construction will begin and when construction will end. The final construction month should be the month preceding the commercial operation month.

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. Capital expenditure estimates should include all capital expenditure, including any ongoing expenditures, for which the Proposing Entity plans to seek FERC approval for recovery.

Even if AFUDC is not going to be employed, provide a yearly AFUDC cash flow.

Provide any assumptions for the capital expenditure estimate (e.g. design assumptions, weather, manpower needed and work

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

**Inputs**

**Project Schedule**

<b>9.a.</b>	Capital spend start date (Mo-Yr)	Jan-19
	Construction start date (Mo-Yr)	Jan-22
	Commercial operation date (Mo-Yr)	Jun-23

**Project Capital Expenditures**

<b>9.b.</b>	<b>Capital expenditure details</b>	<b>Total</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>
	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							
	<b>Total project capex</b>	<b>\$ 32,985,014</b>		<b>\$ 229,782</b>	<b>\$ 1,361,219</b>	<b>\$ 24,553,757</b>	<b>\$ 6,840,256</b>	

<b>9.c.</b>	<b>Total</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>
	<b>AFUDC</b>	<b>\$ 1,649,251</b>		<b>\$ 11,489</b>	<b>\$ 68,061</b>	<b>\$ 1,227,688</b>	<b>\$ 342,013</b>

**9.d. Assumptions for the capital expenditure estimate**

- project cost estimate is based upon the following assumptions:
- Schedule float to account for typical amount of in climate weather for the region;
  - A typical construction work schedule;
  - Design based upon and in accordance with transmission design standards;
  - Vendor standard delivery times for material components;
  - Reasonable access to the construction area;
  - Blanket pricing for key material components that is in place with strategic suppliers;
  - Contingency covering the degree of unknowns currently in place at this stage.
  - Reasonable availability for outages to make interconnections.

**9.e. Redacted information**

[Redacted information]



## Cost Containment Commitment

### 10. Cost Containment Commitment

Instructions	Inputs																									
Provide a description of the cost containment mechanism being proposed.	10.a.	<table border="1"> <thead> <tr> <th data-bbox="1588 471 2153 546">Cost containment commitment description</th> </tr> </thead> <tbody> <tr> <td data-bbox="1588 546 2983 616">NA</td> </tr> </tbody> </table>	Cost containment commitment description	NA																						
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NA																										
Indicate what project scope is covered by the proposed cost containment commitment. Identify the components covered by number.	10.b.	<table border="1"> <thead> <tr> <th data-bbox="1588 649 2153 723">Project scope covered by the cost containment commitment</th> </tr> </thead> <tbody> <tr> <td data-bbox="1588 723 2983 794">NA</td> </tr> </tbody> </table>	Project scope covered by the cost containment commitment	NA																						
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NA																										
Provide, in present year dollars and year of occurrence dollars, the Proposing Entity's proposed binding cap on capital expenditures.	10.b.i.	<table border="1"> <thead> <tr> <th data-bbox="1588 830 2153 874">Cost cap in present year dollars</th> <td data-bbox="2153 830 2433 874"></td> </tr> <tr> <th data-bbox="1588 903 2153 947">Cost cap in in-service year dollars</th> <td data-bbox="2153 903 2433 947"></td> </tr> </thead> </table>	Cost cap in present year dollars		Cost cap in in-service year dollars																					
Cost cap in present year dollars																										
Cost cap in in-service year dollars																										
Provide any additional information related to the cap on capital expenditures, including but not limited to: if AFUDC is included in the cap, if all costs prior to commercial operation date are included in the cap, if the cap includes a variable or fixed inflation rate, etc.	10.b.ii.	<table border="1"> <thead> <tr> <th data-bbox="1588 971 2153 1016">Additional Information on cost cap:</th> </tr> </thead> <tbody> <tr> <td data-bbox="1588 1016 2983 1116"></td> </tr> </tbody> </table>	Additional Information on cost cap:																							
Additional Information on cost cap:																										
Indicate which components of capital costs fall under the cost cap.	10.b.iii.	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="1588 1153 2153 1227">Cost containment capital expenditure exemptions</th> </tr> <tr> <th data-bbox="1588 1227 2153 1338">Capital cost component</th> <th data-bbox="2153 1227 2433 1338">Component covered by cost containment</th> </tr> </thead> <tbody> <tr> <td data-bbox="1588 1338 2153 1372">Engineering and design</td> <td data-bbox="2153 1338 2433 1372">Choose Yes or No</td> </tr> <tr> <td data-bbox="1588 1372 2153 1407">Permitting / routing / siting</td> <td data-bbox="2153 1372 2433 1407">Choose Yes or No</td> </tr> <tr> <td data-bbox="1588 1407 2153 1441">ROW / land acquisition</td> <td data-bbox="2153 1407 2433 1441">Choose Yes or No</td> </tr> <tr> <td data-bbox="1588 1441 2153 1475">Materials and equipment</td> <td data-bbox="2153 1441 2433 1475">Choose Yes or No</td> </tr> <tr> <td data-bbox="1588 1475 2153 1509">Construction and commissioning</td> <td data-bbox="2153 1475 2433 1509">Choose Yes or No</td> </tr> <tr> <td data-bbox="1588 1509 2153 1544">Construction management</td> <td data-bbox="2153 1509 2433 1544">Choose Yes or No</td> </tr> <tr> <td data-bbox="1588 1544 2153 1578">Overheads and miscellaneous costs</td> <td data-bbox="2153 1544 2433 1578">Choose Yes or No</td> </tr> <tr> <td data-bbox="1588 1578 2153 1612">Taxes</td> <td data-bbox="2153 1578 2433 1612">Choose Yes or No</td> </tr> <tr> <td data-bbox="1588 1612 2153 1647">AFUDC</td> <td data-bbox="2153 1612 2433 1647">Choose Yes or No</td> </tr> <tr> <td data-bbox="1588 1647 2153 1681">Escalation</td> <td data-bbox="2153 1647 2433 1681">Choose Yes or No</td> </tr> </tbody> </table>	Cost containment capital expenditure exemptions		Capital cost component	Component covered by cost containment	Engineering and design	Choose Yes or No	Permitting / routing / siting	Choose Yes or No	ROW / land acquisition	Choose Yes or No	Materials and equipment	Choose Yes or No	Construction and commissioning	Choose Yes or No	Construction management	Choose Yes or No	Overheads and miscellaneous costs	Choose Yes or No	Taxes	Choose Yes or No	AFUDC	Choose Yes or No	Escalation	Choose Yes or No
Cost containment capital expenditure exemptions																										
Capital cost component	Component covered by cost containment																									
Engineering and design	Choose Yes or No																									
Permitting / routing / siting	Choose Yes or No																									
ROW / land acquisition	Choose Yes or No																									
Materials and equipment	Choose Yes or No																									
Construction and commissioning	Choose Yes or No																									
Construction management	Choose Yes or No																									
Overheads and miscellaneous costs	Choose Yes or No																									
Taxes	Choose Yes or No																									
AFUDC	Choose Yes or No																									
Escalation	Choose Yes or No																									



## Cost Containment Commitment

### 10. Cost Containment Commitment

#### Instructions

Describe any other cost containment measures not detailed above.

Provide language to be included in the Designated Entity Agreement that expresses the legally binding commitment of the developer to the construction cost cap.

Explain any plans the proposing entity has in place to address the situation where project actual costs exceed the proposed cost containment commitment.

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

#### Inputs

10.c.

Describe any other Cost Containment Measures not covered above:

10.d.

Cost Commitment Legal Language

10.e.

Actuals Exceed Commitment

10.f.

Redacted information