

# PPL Load Addition Proposal: Keystone - Susquehanna Dual 500 kV Single Circuits

## General Information

Proposing entity name	Confidential Information
Does the entity who is submitting this proposal intend to be the Designated Entity for this proposed project?	Confidential Information
Company proposal ID	Confidential Information
PJM Proposal ID	838
Project title	PPL Load Addition Proposal: Keystone - Susquehanna Dual 500 kV Single Circuits
Project description	Construct two new 500 kV lines from Keystone Substation in MAIT-PN to Susquehanna Substation in PPL. Expand Keystone and Susquehanna substations to accommodate the two new line terminals. Add an additional 500/230 kV transformer at Susquehanna Substation. Upgrade the following circuits to support this plan. Terminal equipment on Keystone - South Bend 500 kV Line, terminal equipment on Brighton (Exelon) - Doubs 500 kV Line, rebuild the East Towanda - Canyon - North Meshoppen 230 kV Line, rebuild the Carlisle Pike - Gardners 115 kV Line, and replace the #3 230/115 kV transformer at North Meshoppen Substation. Refer to Executive Abstract attached to Market Efficiency simulation modeling files section.
Email	Confidential Information
Project in-service date	06/2030
Tie-line impact	Yes
Interregional project	No
Is the proposer offering a binding cap on capital costs?	Yes
Additional benefits	Confidential Information

## Project Components

1. Keystone Substation Expansion (MAIT)

2. Susquehanna Substation Expansion
3. South Bend Substation Terminal Upgrade
4. Keystone Substation: Upgrade the South Bend 500 kV line terminal
5. Brighton Substation: Upgrade the Doubs 500 kV line terminal
6. East Towanda Substation: Upgrade the Canyon 230 kV line terminal
7. Canyon Substation: Upgrade the East Towanda and North Meshoppen 230 kV line terminals
8. North Meshoppen Substation: Upgrade the Canyon 230 kV line terminal
9. North Meshoppen Substation: Replace the #3 230/115 kV Transformer
10. East Towanda - Canyon - North Meshoppen 230 kV Line
11. Carlisle Pike - Roxbury 115 kV Line Rebuild
12. Keystone - Susquehanna 500 kV Line #1: Construct new Line
13. Keystone - Susquehanna 500 kV Line #2: Construct new Line
14. Carlisle Pike Substation: Upgrade the Roxbury 115 kV line terminal
15. Roxbury Substation: Upgrade the Carlisle Pike 115 kV line terminal

## Substation Upgrade Component

Component title	Keystone Substation Expansion (MAIT)
Project description	Confidential Information
Substation name	Keystone Substation
Substation zone	PENELEC
Substation upgrade scope	-Add a new breaker and a new string with 2 new breakers at the 500 kV breaker-and-a-half switchyard -Connect the new 500 kV lines to the new terminals -Add disconnect switches with SCADA to the line exits at the substation -Upgrade terminal equipment as necessary to make the lines as the limiting element in circuit ratings -Replace the relaying panels -Replace the limiting circuit breaker -Replace two wave traps with 5000 A units or convert to fiber. -Replace two 3000 A disconnects with 4000 A units -Replace the 2000 SCCIR -Replace the 4 inch pipe

## Transformer Information

Name	Capacity (MVA)
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Transformer	na	na	
	High Side	Low Side	Tertiary
Voltage (kV)	na	na	na
New equipment description	See substation upgrade scope above		
Substation assumptions	All substation upgrades should be able to occur within the confines of the existing fence.		
Real-estate description	All substation upgrades should be able to occur within the confines of the existing fence.		
Construction responsibility	Confidential Information		
Benefits/Comments	Confidential Information		
Component Cost Details - In Current Year \$			
Engineering & design	Confidential Information		
Permitting / routing / siting	Confidential Information		
ROW / land acquisition	Confidential Information		
Materials & equipment	Confidential Information		
Construction & commissioning	Confidential Information		
Construction management	Confidential Information		
Overheads & miscellaneous costs	Confidential Information		
Contingency	Confidential Information		
Total component cost	\$9,772,225.00		
Component cost (in-service year)	\$10,897,984.00		
Substation Upgrade Component			
Component title	Susquehanna Substation Expansion		

Project description	Confidential Information		
Substation name	Susquehanna Substation (PPL)		
Substation zone	PPL		
Substation upgrade scope	Add two new breakers to the 500 kV breaker-and-a-half yard Connect the new 500 kV lines to the new terminals Add a new breaker to the 230 kV breaker-and-a-half yard Connect a new 500/230 kV transformer to this new position Terminate the 500 kV side of the transformer at the North Bus of the 500 kV yard Add disconnect switches with SCADA to the line exits at the 500 kV and 230 kV substations Upgrade terminal equipment as necessary to make the lines as the limiting element in circuit ratings		
Transformer Information			
	Name		Capacity (MVA)
Transformer	Susquehanna #2 500/230 kV		420
	High Side	Low Side	Tertiary
Voltage (kV)	500	230	na
New equipment description	See substation upgrade scope above		
Substation assumptions	All substation upgrades should be able to occur within the confines of the existing fence.		
Real-estate description	All substation upgrades should be able to occur within the confines of the existing fence.		
Construction responsibility	Confidential Information		
Benefits/Comments	Confidential Information		
Component Cost Details - In Current Year \$			
Engineering & design	Confidential Information		
Permitting / routing / siting	Confidential Information		
ROW / land acquisition	Confidential Information		
Materials & equipment	Confidential Information		

Construction & commissioning	Confidential Information		
Construction management	Confidential Information		
Overheads & miscellaneous costs	Confidential Information		
Contingency	Confidential Information		
Total component cost	\$38,953,281.00		
Component cost (in-service year)	\$43,439,257.00		
Substation Upgrade Component			
Component title	South Bend Substation Terminal Upgrade		
Project description	Confidential Information		
Substation name	South Bend Substation		
Substation zone	APS		
Substation upgrade scope	-Replace the relaying panels -Replace the 4000 A wave trap with a 5000 A unit -Replace the limiting 2032 SCCIR conductor		
Transformer Information			
	Name		Capacity (MVA)
Transformer	na		na
	High Side	Low Side	Tertiary
Voltage (kV)	na	na	na
New equipment description	See substation upgrade scope above		
Substation assumptions	All substation upgrades should be able to occur within the confines of the existing fence.		
Real-estate description	All substation upgrades should be able to occur within the confines of the existing fence.		
Construction responsibility	Confidential Information		

Benefits/Comments	Confidential Information
Component Cost Details - In Current Year \$	
Engineering & design	Confidential Information
Permitting / routing / siting	Confidential Information
ROW / land acquisition	Confidential Information
Materials & equipment	Confidential Information
Construction & commissioning	Confidential Information
Construction management	Confidential Information
Overheads & miscellaneous costs	Confidential Information
Contingency	Confidential Information
Total component cost	\$759,009.00
Component cost (in-service year)	\$846,419.00
<b>Substation Upgrade Component</b>	
Component title	Keystone Substation: Upgrade the South Bend 500 kV line terminal
Project description	Confidential Information
Substation name	Keystone Substation
Substation zone	PENELEC
Substation upgrade scope	-Replace the relaying panels -Replace the limiting circuit breaker -Replace two wave traps with 5000 A units or convert to fiber. -Replace two 3000 A disconnects with 4000 A units -Replace the 2000 SCCIR -Replace the 4 inch pipe
<b>Transformer Information</b>	
	<div>Name</div> <div>Capacity (MVA)</div>

Transformer	na	na	
	High Side	Low Side	Tertiary
Voltage (kV)	na	na	na
New equipment description	See substation upgrade scope above		
Substation assumptions	All substation upgrades should be able to occur within the confines of the existing fence.		
Real-estate description	All substation upgrades should be able to occur within the confines of the existing fence.		
Construction responsibility	Confidential Information		
Benefits/Comments	Confidential Information		
Component Cost Details - In Current Year \$			
Engineering & design	Confidential Information		
Permitting / routing / siting	Confidential Information		
ROW / land acquisition	Confidential Information		
Materials & equipment	Confidential Information		
Construction & commissioning	Confidential Information		
Construction management	Confidential Information		
Overheads & miscellaneous costs	Confidential Information		
Contingency	Confidential Information		
Total component cost	\$759,009.00		
Component cost (in-service year)	\$846,419.00		
Substation Upgrade Component			
Component title	Brighton Substation: Upgrade the Doubs 500 kV line terminal		

Project description	Confidential Information		
Substation name	Brighton Substation		
Substation zone	PEPCO		
Substation upgrade scope	Upgrade the Doubs 500kV line terminal at Brighton Substation (PEPCO): replace the breaker, disconnect switches, relaying, and terminal equipment to eliminate the thermal constraints.		
Transformer Information			
	Name		Capacity (MVA)
Transformer	na		na
	High Side	Low Side	Tertiary
Voltage (kV)	na	na	na
New equipment description	See substation upgrade scope above		
Substation assumptions	All substation upgrades should be able to occur within the confines of the existing fence.		
Real-estate description	All substation upgrades should be able to occur within the confines of the existing fence.		
Construction responsibility	Confidential Information		
Benefits/Comments	Confidential Information		
Component Cost Details - In Current Year \$			
Engineering & design	Confidential Information		
Permitting / routing / siting	Confidential Information		
ROW / land acquisition	Confidential Information		
Materials & equipment	Confidential Information		
Construction & commissioning	Confidential Information		
Construction management	Confidential Information		



Overheads & miscellaneous costs	Confidential Information		
Contingency	Confidential Information		
Total component cost	\$2,967,036.00		
Component cost (in-service year)	\$3,308,729.00		
Substation Upgrade Component			
Component title	East Towanda Substation: Upgrade the Canyon 230 kV line terminal		
Project description	Confidential Information		
Substation name	East Towanda Substation		
Substation zone	PENELEC		
Substation upgrade scope	At East Towanda Substation: -Replace the wave trap with a 3000 A unit -Replace the limiting substation conductor		
Transformer Information			
	Name		Capacity (MVA)
Transformer	na		na
	High Side	Low Side	Tertiary
Voltage (kV)	na	na	na
New equipment description	See substation upgrade scope above		
Substation assumptions	All substation upgrades should be able to occur within the confines of the existing fence.		
Real-estate description	All substation upgrades should be able to occur within the confines of the existing fence.		
Construction responsibility	Confidential Information		
Benefits/Comments	Confidential Information		

## Component Cost Details - In Current Year \$

Engineering & design	Confidential Information
Permitting / routing / siting	Confidential Information
ROW / land acquisition	Confidential Information
Materials & equipment	Confidential Information
Construction & commissioning	Confidential Information
Construction management	Confidential Information
Overheads & miscellaneous costs	Confidential Information
Contingency	Confidential Information
Total component cost	\$ .00
Component cost (in-service year)	\$ .00

## Substation Upgrade Component

Component title	Canyon Substation: Upgrade the East Towanda and North Meshoppen 230 kV line terminals
Project description	Confidential Information
Substation name	Canyon Substation
Substation zone	PENELEC
Substation upgrade scope	At Canyon Substation: Upgrade the East Towanda and North Meshoppen 230 kV line terminals -Replace the 1200 A disconnects with 2000 A units on both line terminals -Replace the 1033 ACSR conductor

## Transformer Information

	Name	Capacity (MVA)
Transformer	na	na

	High Side	Low Side	Tertiary
Voltage (kV)	na	na	na
New equipment description	See substation upgrade scope above		
Substation assumptions	All substation upgrades should be able to occur within the confines of the existing fence.		
Real-estate description	All substation upgrades should be able to occur within the confines of the existing fence.		
Construction responsibility	Confidential Information		
Benefits/Comments	Confidential Information		
Component Cost Details - In Current Year \$			
Engineering & design	Confidential Information		
Permitting / routing / siting	Confidential Information		
ROW / land acquisition	Confidential Information		
Materials & equipment	Confidential Information		
Construction & commissioning	Confidential Information		
Construction management	Confidential Information		
Overheads & miscellaneous costs	Confidential Information		
Contingency	Confidential Information		
Total component cost	\$.00		
Component cost (in-service year)	\$.00		
Substation Upgrade Component			
Component title	North Meshoppen Substation: Upgrade the Canyon 230 kV line terminal		
Project description	Confidential Information		

Substation name	North Meshoppen Substation		
Substation zone	PENELEC		
Substation upgrade scope	North Meshoppen Substation: Upgrade the Canyon 230 kV line terminal -Replace the wave trap with a 3000 A unit -Replace the limiting substation conductor -Adjust Relay Settings		
Transformer Information			
	Name	Capacity (MVA)	
Transformer	na	na	
	High Side	Low Side	Tertiary
Voltage (kV)	na	na	na
New equipment description	See substation upgrade scope above		
Substation assumptions	All substation upgrades should be able to occur within the confines of the existing fence.		
Real-estate description	All substation upgrades should be able to occur within the confines of the existing fence.		
Construction responsibility	Confidential Information		
Benefits/Comments	Confidential Information		
Component Cost Details - In Current Year \$			
Engineering & design	Confidential Information		
Permitting / routing / siting	Confidential Information		
ROW / land acquisition	Confidential Information		
Materials & equipment	Confidential Information		
Construction & commissioning	Confidential Information		
Construction management	Confidential Information		
Overheads & miscellaneous costs	Confidential Information		

Contingency	Confidential Information		
Total component cost	\$ .00		
Component cost (in-service year)	\$ .00		
Substation Upgrade Component			
Component title	North Meshoppen Substation: Replace the #3 230/115 kV Transformer		
Project description	Confidential Information		
Substation name	North Meshoppen Substation		
Substation zone	PENELEC		
Substation upgrade scope	Replace the #3 230/115 kV Transformer with a new 375 MVA transformer.		
Transformer Information			
	Name		Capacity (MVA)
Transformer	North Meshoppen #3		375
	High Side	Low Side	Tertiary
Voltage (kV)	230	115	na
New equipment description	See substation upgrade scope above		
Substation assumptions	All substation upgrades should be able to occur within the confines of the existing fence.		
Real-estate description	All substation upgrades should be able to occur within the confines of the existing fence.		
Construction responsibility	Confidential Information		
Benefits/Comments	Confidential Information		
Component Cost Details - In Current Year \$			
Engineering & design	Confidential Information		

Permitting / routing / siting	Confidential Information
ROW / land acquisition	Confidential Information
Materials & equipment	Confidential Information
Construction & commissioning	Confidential Information
Construction management	Confidential Information
Overheads & miscellaneous costs	Confidential Information
Contingency	Confidential Information
Total component cost	\$4,692,050.00
Component cost (in-service year)	\$5,232,409.00
<b>Transmission Line Upgrade Component</b>	
Component title	East Towanda - Canyon - North Meshoppen 230 kV Line
Project description	Confidential Information
Impacted transmission line	East Towanda - Canyon - North Meshoppen 230 kV Line
Point A	East Towanda
Point B	Canyon
Point C	North Meshoppen
Terrain description	This line traverses several mountain ranges with their peaks, valleys, and associated water crossings. The line is planned to be primarily rebuilt in the existing right of way, which should assist with the constructability aspects of this line.
<b>Existing Line Physical Characteristics</b>	
Operating voltage	230
Conductor size and type	1033 ACSR 54/7

Hardware plan description	The line will be rebuilt using all new hardware and structures. It is not anticipated any equipment will be reused or salvaged.	
Tower line characteristics	Wood pole H-frame construction built in the late1950s.	
Proposed Line Characteristics		
	Designed	Operating
Voltage (kV)	230.000000	230.000000
	Normal ratings	Emergency ratings
Summer (MVA)	896.000000	896.000000
Winter (MVA)	1032.000000	1086.000000
Conductor size and type	1113 ACSS	
Shield wire size and type	OPGW	
Rebuild line length	22.3 miles	
Rebuild portion description	Rebuild the entire 22.3 miles of 230 kV line	
Right of way	No additional ROW is anticipated to be needed.	
Construction responsibility	Confidential Information	
Benefits/Comments	Confidential Information	
Component Cost Details - In Current Year \$		
Engineering & design	Confidential Information	
Permitting / routing / siting	Confidential Information	
ROW / land acquisition	Confidential Information	
Materials & equipment	Confidential Information	
Construction & commissioning	Confidential Information	

Construction management	Confidential Information	
Overheads & miscellaneous costs	Confidential Information	
Contingency	Confidential Information	
Total component cost	\$82,249,013.00	
Component cost (in-service year)	\$92,031,669.00	
Transmission Line Upgrade Component		
Component title	Carlsisle Pike - Roxbury 115 kV Line Rebuild	
Project description	Confidential Information	
Impacted transmission line	Carlisle Pike - Roxbury 115 kV Line	
Point A	Carlisle Pike Substation	
Point B	Roxbury Substation	
Point C	na	
Terrain description	Mountains and forests with several stream crossings.	
Existing Line Physical Characteristics		
Operating voltage	115	
Conductor size and type	336 ACSR 26/7	
Hardware plan description	No hardware is planned to be reused.	
Tower line characteristics	Wood pole H-frame construction built in the 1950s.	
Proposed Line Characteristics		
	Designed	Operating
Voltage (kV)	115.000000	115.000000



	Normal ratings	Emergency ratings
Summer (MVA)	373.000000	430.000000
Winter (MVA)	374.000000	452.000000
Conductor size and type	795 ACSS 26/7	
Shield wire size and type	OPGW	
Rebuild line length	9.2 miles	
Rebuild portion description	The entire 9.2 miles of the line will be rebuilt.	
Right of way	No additional ROW is anticipated to be needed.	
Construction responsibility	Confidential Information	
Benefits/Comments	Confidential Information	
Component Cost Details - In Current Year \$		
Engineering & design	Confidential Information	
Permitting / routing / siting	Confidential Information	
ROW / land acquisition	Confidential Information	
Materials & equipment	Confidential Information	
Construction & commissioning	Confidential Information	
Construction management	Confidential Information	
Overheads & miscellaneous costs	Confidential Information	
Contingency	Confidential Information	
Total component cost	\$53,763,075.00	
Component cost (in-service year)	\$60,157,726.00	

## Greenfield Transmission Line Component

Component title	Keystone - Susquehanna 500 kV Line #1: Construct new Line	
Project description	Confidential Information	
Point A	Keystone Substation	
Point B	Susquehanna Substation	
Point C	na	
	Normal ratings	Emergency ratings
Summer (MVA)	4512.000000	5433.000000
Winter (MVA)	6288.000000	7217.000000
Conductor size and type	3x1113 ACSS	
Nominal voltage	AC	
Nominal voltage	500	
Line construction type	Overhead	
General route description	The line is presumed to follow the existing Keystone - Juniata 500 kV path from the west to the east. Then we expect the line to turn North presumably following the Juniata - Sunbury 500 kV corridor. A diagonal northeastern route will need to be determined to its final termination at Susquehanna Substation.	
Terrain description	This path is hundreds of miles long and will traverse multiple different types of terrain. The most challenging will be the multiple ridges of the Appalachian Mountains that will need to be traversed. At the base of each mountain is typically a moving body of water. Most notably there will be crossings of the branches and tributaries of the Susquehanna and Juniata rivers.	
Right-of-way width by segment	170 feet.	
Electrical transmission infrastructure crossings	TBD	
Civil infrastructure/major waterway facility crossing plan	TBD	

Environmental impacts	TBD
Tower characteristics	Single circuit steel monopoles with a delta configuration
Construction responsibility	Confidential Information
Benefits/Comments	Confidential Information
Component Cost Details - In Current Year \$	
Engineering & design	Confidential Information
Permitting / routing / siting	Confidential Information
ROW / land acquisition	Confidential Information
Materials & equipment	Confidential Information
Construction & commissioning	Confidential Information
Construction management	Confidential Information
Overheads & miscellaneous costs	Confidential Information
Contingency	Confidential Information
Total component cost	\$1,029,031,500.00
Component cost (in-service year)	\$1,146,417,476.00
<b>Greenfield Transmission Line Component</b>	
Component title	Keystone - Susquehanna 500 kV Line #2: Construct new Line
Project description	Confidential Information
Point A	Keystone Substation
Point B	Susquehanna Substation
Point C	na

	Normal ratings	Emergency ratings
Summer (MVA)	4512.000000	5433.000000
Winter (MVA)	6288.000000	7217.000000
Conductor size and type	3x1113 ACSS	
Nominal voltage	AC	
Nominal voltage	500	
Line construction type	Overhead	
General route description	The line is presumed to follow the existing Keystone - Juniata 500 kV path from the west to the east. Then we expect the line to turn North presumably following the Juniata - Sunbury 500 kV corridor. A diagonal northeastern route will need to be determined to its final termination at Susquehanna Substation.	
Terrain description	This path is hundreds of miles long and will traverse multiple different types of terrain. The most challenging will be the multiple ridges of the Appalachian Mountains that will need to be traverse. At the base of each mountain is typically a moving body of water. Most notably there will be crossings of the branches and tributaries of the Susquehanna and Juniata rivers.	
Right-of-way width by segment	170 feet	
Electrical transmission infrastructure crossings	See information below. Each crossing will not be listed as the route is subject to change.	
Civil infrastructure/major waterway facility crossing plan	TBD	
Environmental impacts	TBD	
Tower characteristics	Single circuit steel monopoles with a delta configuration	
Construction responsibility	Confidential Information	
Benefits/Comments	Confidential Information	
Component Cost Details - In Current Year \$		
Engineering & design	Confidential Information	
Permitting / routing / siting	Confidential Information	

ROW / land acquisition	Confidential Information		
Materials & equipment	Confidential Information		
Construction & commissioning	Confidential Information		
Construction management	Confidential Information		
Overheads & miscellaneous costs	Confidential Information		
Contingency	Confidential Information		
Total component cost	\$1,028,999,754.73		
Component cost (in-service year)	\$1,146,417,476.00		
Substation Upgrade Component			
Component title	Carlisle Pike Substation: Upgrade the Roxbury 115 kV line terminal		
Project description	Confidential Information		
Substation name	Carlisle Pike Substation		
Substation zone	PENELEC		
Substation upgrade scope	-Replace the limiting conductors -Replace the three limiting disconnect switches with 2000 A units. -Replace the relaying		
Transformer Information			
	Name		Capacity (MVA)
Transformer	na		na
	High Side	Low Side	Tertiary
Voltage (kV)	na	na	na
New equipment description	See substation upgrade scope above		
Substation assumptions	All substation upgrades should be able to occur within the confines of the existing fence.		

Real-estate description	All substation upgrades should be able to occur within the confines of the existing fence.
Construction responsibility	Confidential Information
Benefits/Comments	Confidential Information
Component Cost Details - In Current Year \$	
Engineering & design	Confidential Information
Permitting / routing / siting	Confidential Information
ROW / land acquisition	Confidential Information
Materials & equipment	Confidential Information
Construction & commissioning	Confidential Information
Construction management	Confidential Information
Overheads & miscellaneous costs	Confidential Information
Contingency	Confidential Information
Total component cost	\$.00
Component cost (in-service year)	\$.00
<b>Substation Upgrade Component</b>	
Component title	Roxbury Substation: Upgrade the Carlisle Pike 115 kV line terminal
Project description	Confidential Information
Substation name	Roxbury Substation
Substation zone	PENELEC
Substation upgrade scope	-Replace the limiting conductors -Replace the three limiting disconnect switches with 2000 A units. -Replace the relaying
<b>Transformer Information</b>	

None	
New equipment description	See substation upgrade scope above
Substation assumptions	All substation upgrades should be able to occur within the confines of the existing fence.
Real-estate description	All substation upgrades should be able to occur within the confines of the existing fence.
Construction responsibility	Confidential Information
Benefits/Comments	Confidential Information
Component Cost Details - In Current Year \$	
Engineering & design	Confidential Information
Permitting / routing / siting	Confidential Information
ROW / land acquisition	Confidential Information
Materials & equipment	Confidential Information
Construction & commissioning	Confidential Information
Construction management	Confidential Information
Overheads & miscellaneous costs	Confidential Information
Contingency	Confidential Information
Total component cost	\$.00
Component cost (in-service year)	\$.00

## Congestion Drivers

None

## Existing Flowgates

None

## New Flowgates

Confidential Information

## Financial Information

Capital spend start date 03/2026

Construction start date 06/2028

Project Duration (In Months) 51

## Cost Containment Commitment

Cost cap (in current year) Confidential Information

Cost cap (in-service year) Confidential Information

## Components covered by cost containment

1. Keystone - Susquehanna 500 kV Line #1: Construct new Line - MAIT
2. Keystone - Susquehanna 500 kV Line #2: Construct new Line - MAIT

## Cost elements covered by cost containment

Engineering & design	Yes
Permitting / routing / siting	Yes
ROW / land acquisition	Yes
Materials & equipment	Yes
Construction & commissioning	Yes
Construction management	Yes
Overheads & miscellaneous costs	Yes



Taxes	No
AFUDC	No
Escalation	No
Additional Information	Confidential Information
Is the proposer offering a binding cap on ROE?	No
Is the proposer offering a Debt to Equity Ratio cap?	Confidential Information

## Additional Comments

Ready for submission. Contact us with any questions.