Platform Connections

General Information

Proposing entity name	NEETMH
Does the entity who is submitting this proposal intend to be the Designated Entity for this proposed project?	Yes
Company proposal ID	3-PC
PJM Proposal ID	359
Project title	Platform Connections
Project description	Offshore 230 kV AC offshore platform interconnection
Email	Johnbinh.Vu@nexteraenergy.com
Project in-service date	06/2029
Tie-line impact	No
Interregional project	No
Is the proposer offering a binding cap on capital costs?	Yes
Additional benefits	See Attachment 1, Section 3.4

Project Components

1. Offshore Platform A – Offshore Platform B 230 kV AC
2. Offshore Platform A – Offshore Platform C 230 kV AC
3. Offshore Platform C – Offshore Platform D 230 kV AC
4. Offshore Platform E – Offshore Platform F 230 kV AC

Greenfield Transmission Line Component

Component title	Offshore Platform A – Offshore Platform B 230 kV AC	
Project description	Two Submarine 230kV AC cables connecting Offshore Platform A to Offshore Platform B	
Point A	Offshore Platform A	
Point B	Offshore Platform B	
Point C		
	Normal ratings	**Emergency ratings**
Summer (MVA)	800.000000	800.000000
Winter (MVA)	800.000000	800.000000
Conductor size and type	Two three cores-single cable (copper)	
Nominal voltage	AC	
Nominal voltage	230 kV/1000 A (2000 mm2)	
Line construction type	Submarine	
General route description	See Attachments 4, 19, and 22	
Terrain description	See Attachments 19 and 22	
Right-of-way width by segment	See Attachments 4 and 22	
Electrical transmission infrastructure crossings	See Attachment 7	
Civil infrastructure/major waterway facility crossing plan	See Attachment 7	
Environmental impacts	See Attachment 19	
Tower characteristics	See Attachment 6	
Construction responsibility	Proposer	
Benefits/Comments	See Attachment 1, Section 3.4	

Component Cost Details - In Current Year $

Engineering & design	Confidential - Competitive Information
Permitting / routing / siting	Confidential - Competitive Information
ROW / land acquisition	Confidential - Competitive Information
Materials & equipment	Confidential - Competitive Information
Construction & commissioning	Confidential - Competitive Information
Construction management	Confidential - Competitive Information
Overheads & miscellaneous costs	Confidential - Competitive Information
Contingency	Confidential - Competitive Information
Total component cost	$134,828,375.23
Component cost (in-service year)	$145,927,939.00

Greenfield Transmission Line Component

Component title	Offshore Platform A – Offshore Platform C 230 kV AC
Project description	Two Submarine 230kV AC cables connecting Offshore Platform A to Offshore Platform C
Point A	Offshore Platform A
Point B	Offshore Platform C
Point C	

	Normal ratings	**Emergency ratings**
Summer (MVA)	800.000000	800.000000
Winter (MVA)	800.000000	800.000000

Conductor size and type	Two three cores-single cable (copper)

Nominal voltage	AC
Nominal voltage	230 kV/1000 A (2000 mm2)
Line construction type	Submarine
General route description	See Attachments 4, 19, and 22
Terrain description	See Attachments 19 and 22
Right-of-way width by segment	See Attachments 4 and 22
Electrical transmission infrastructure crossings	See Attachment 7
Civil infrastructure/major waterway facility crossing plan	See Attachment 7
Environmental impacts	See Attachment 19
Tower characteristics	See Attachment 6
Construction responsibility	Proposer
Benefits/Comments	See Attachment 1, Section 3.4

Component Cost Details - In Current Year $

Engineering & design	Confidential - Competitive Information
Permitting / routing / siting	Confidential - Competitive Information
ROW / land acquisition	Confidential - Competitive Information
Materials & equipment	Confidential - Competitive Information
Construction & commissioning	Confidential - Competitive Information
Construction management	Confidential - Competitive Information
Overheads & miscellaneous costs	Confidential - Competitive Information
Contingency	Confidential - Competitive Information
Total component cost	$355,300,730.23

Component cost (in-service year)	$381,170,066.00

Greenfield Transmission Line Component

Component title	Offshore Platform C – Offshore Platform D 230 kV AC
Project description	Two Submarine 230kV AC cables connecting Offshore Platform C to Offshore Platform D
Point A	Offshore Platform C
Point B	Offshore Platform D
Point C	

	Normal ratings	**Emergency ratings**
Summer (MVA)	800.000000	800.000000
Winter (MVA)	800.000000	800.000000

Conductor size and type	Two three cores-single cable (copper)
Nominal voltage	AC
Nominal voltage	230 kV/1000 A (2000 mm2)
Line construction type	Submarine
General route description	See Attachments 4, 19 and 22
Terrain description	See Attachments 19 and 22
Right-of-way width by segment	See Attachments 4 and 22
Electrical transmission infrastructure crossings	See Attachment 7
Civil infrastructure/major waterway facility crossing plan	See Attachment 7
Environmental impacts	See Attachment 19
Tower characteristics	See Attachment 6

Construction responsibility	Proposer
Benefits/Comments	See Attachment 1, Section 3.4

Component Cost Details - In Current Year $

Engineering & design	Confidential - Competitive Information
Permitting / routing / siting	Confidential - Competitive Information
ROW / land acquisition	Confidential - Competitive Information
Materials & equipment	Confidential - Competitive Information
Construction & commissioning	Confidential - Competitive Information
Construction management	Confidential - Competitive Information
Overheads & miscellaneous costs	Confidential - Competitive Information
Contingency	Confidential - Competitive Information
Total component cost	$6,850,907.23
Component cost (in-service year)	$7,497,202.00

Greenfield Transmission Line Component

Component title	Offshore Platform E – Offshore Platform F 230 kV AC
Project description	Two Submarine 230kV AC cables connecting Offshore Platform E to Offshore Platform F
Point A	Offshore Platform E
Point B	Offshore Platform F
Point C	

	Normal ratings	**Emergency ratings**
Summer (MVA)	800.000000	800.000000

Winter (MVA)	800.000000	800.000000
Conductor size and type	Two three cores-single cable (copper)	
Nominal voltage	AC	
Nominal voltage	230 kV/1000 A (2000 mm2)	
Line construction type	Submarine	
General route description	See Attachments 4, 19, and 22	
Terrain description	See Attachments 19 and 22	
Right-of-way width by segment	See Attachments 4 and 22	
Electrical transmission infrastructure crossings	See Attachment 7	
Civil infrastructure/major waterway facility crossing plan	See Attachment 7	
Environmental impacts	See Attachment 19	
Tower characteristics	See Attachment 6	
Construction responsibility	Proposer	
Benefits/Comments	See Attachment 1, Section 3.4	
Component Cost Details - In Current Year $		
Engineering & design	Confidential - Competitive Information	
Permitting / routing / siting	Confidential - Competitive Information	
ROW / land acquisition	Confidential - Competitive Information	
Materials & equipment	Confidential - Competitive Information	
Construction & commissioning	Confidential - Competitive Information	
Construction management	Confidential - Competitive Information	
Overheads & miscellaneous costs	Confidential - Competitive Information	

Contingency	Confidential - Competitive Information
Total component cost	$242,380,907.23
Component cost (in-service year)	$262,287,202.00

Congestion Drivers

None

Existing Flowgates

None

New Flowgates

None

Financial Information

Capital spend start date	01/2022
Construction start date	12/2025
Project Duration (In Months)	89

Cost Containment Commitment

Cost cap (in current year)	Confidential - Competitive Information
Cost cap (in-service year)	Confidential - Competitive Information

Components covered by cost containment

1. Offshore Platform A – Offshore Platform B 230 kV AC - Proposer
2. Offshore Platform A – Offshore Platform C 230 kV AC - Proposer
3. Offshore Platform C – Offshore Platform D 230 kV AC - Proposer

4. Offshore Platform E – Offshore Platform F 230 kV AC - Proposer

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	Yes
AFUDC	Yes
Escalation	Yes
Additional Information	Confidential - Competitive Information
Is the proposer offering a binding cap on ROE?	Yes
Would this ROE cap apply to the determination of AFUDC?	Yes
Would the proposer seek to increase the proposed ROE if FERC finds that a higher ROE would not be unreasonable?	No
Is the proposer offering a Debt to Equity Ratio cap?	Confidential - Competitive Information
Additional cost containment measures not covered above	

Additional Comments

None