Jester - Hayden

General Information

Proposing entity name	Company confidential and proprietary information
Does the entity who is submitting this proposal intend to be the Designated Entity for this proposed project?	Company confidential and proprietary information
Company proposal ID	Company confidential and proprietary information
PJM Proposal ID	350
Project title	Jester - Hayden
Project description	This proposal includes the following system components: - Jester greenfield 765/345kV station approximately 18.5 miles south of Marysville 765kV and 12 miles west of Hayden 345kV station. This station contains a 765/345kV transformer with the following thermal ratings: 2742 / 3097 / 3097 / 3296 MVA (SN/SE/WN/WE) - Approx 12 miles of greenfield 345kV double circuit transmission line between Jester greenfield 765/345kV Station and Hayden 345kV stations. Each circuit is composed of 2 bundle, 1033 ACSR “Curlew” conductors, wired as a single-circuit 6-wire line.
Email	Company confidential and proprietary information
Project in-service date	06/2028
Tie-line impact	Yes
Interregional project	No
Is the proposer offering a binding cap on capital costs?	Yes
Additional benefits	Company confidential and proprietary information

Project Components

1. Jester Greenfield Station
2. Jester - Hayden 345 kV Greenfield Line
3. Jester 765 kV Line Cut-ins

4. Hayden Station 345 kV Expansion
5. Hyatt - West Millersport 345 kV Reroute
6. Kenny – Roberts 138 kV Upgrade
7. Corridor Substation Upgrade
8. Kenny - Clinton CT upgrade

Greenfield Substation Component

Component title	Jester Greenfield Station
Project description	Company confidential and proprietary information
Substation name	Jester Station
Substation description	Construct a new 765/345kV greenfield station having a 3-CB 765kV ring bus that will interconnect the existing 765kV Marysville to Flatlick line, including a new 765/345kV transformer, and a 345kV line position with 1-CB that will interconnect a new double circuit 345kV Hayden line (operated as a single-circuit 6-wired line). The station will be established on approximately 100-acres of property and have a fenced area of 1,012ft x 1,140ft.
Nominal voltage	AC
Nominal voltage	765/345

Transformer Information

	Name	Capacity (MVA)
Transformer	Transformer Bank 1	3296

	High Side	Low Side	Tertiary
Voltage (kV)	765	345	

Major equipment description	- 3-CB 765KV ring bus and consisting of 3-765kV, 4000A, 50kA CB’s - 18-765kV, 4000A, 1-phase, motor-operated CB disc. sw. - 3-765kV, 4000A, 1-phase, motor-operated transf. disc. sw. - 6-765kV line CCVT’s - 3-765kV bus CCVT’s - 6-765kV, 4000A line traps - 6-line tuners - 12-765kV CB arresters - 3-765/345kV, 750MVA,1-phase autotransformers with a 34.5kV tertiary, arresters, and oil containment - 1-345kV, 5000A, 63kA CB - 3-345kV, 5000A 1-phase, motor-operated transf. disc. - 3-345kV, 5000A, 3-phase, motor-operated CB disc. - 3-345kV CB arresters - 3-345kV bus CCVT’s - 2-345kV, 3-phase, motor-operated line discharge grounding switches - 345kV-120/240V AC power system - 125VDC power system In addition to the major equipment listed above, supporting structural steel and other minor equipment will be needed such as cables, wires, foundations, etc. The station will be established on approx. 100-acres of property on agricultural land. The property will be graded for an inner fenced area of 972ft x 1,100ft, an outer fenced area of 1,012ft x 1,140ft, and includes 2-24ft gates, station stone, ground grid, and fence grounding. One (1) access road will be established. It is assumed that all necessary outages will be available.

	Normal ratings	Emergency ratings
Summer (MVA)	2748.000000	3097.000000
Winter (MVA)	3097.000000	3296.000000

Environmental assessment	Land use at the proposed parcel for Jester Greenfield Substation is predominately agricultural (i.e., cultivated cropland) with shrub-scrub vegetation adjacent to a drainage channel that generally bisects the property. The preferred site is situated entirely on agricultural land. No residences are located on the site parcel. The Proposing Entity will complete the required environmental and cultural resource surveys on the property and no concerns are anticipated. A General Ohio/National Pollutant Discharge Elimination System (OH/NPDES) Permit is required for the project. The NPDES permit submission will include a SWPPP, erosion and sediment control plan, stormwater management plan, and pollution prevention plan. The stormwater management plan will include a narrative that describes the proposed stormwater management facilities, the limits of clearing and grading, and the proposed drainage patterns on the site, proposed buildings, roads, parking areas, utilities, and the total disturbed acreage for the site. The proposed stormwater management facilities and all associated impacts are typical of energy infrastructure projects and would not represent a risk to the overall project.
Outreach plan	Public outreach is a critical component to the Proposing Entity’s siting process, so efforts will include properly informing the public; federal, state, and local agencies; local governments; and other key stakeholders on the need for, and benefits of, this Project. The Proposing Entity’s approach to public outreach is to be always candid and transparent, and to offer a variety of tools and means for directly impacted parties to engage with our staff. The Proposing Entity will provide development updates to local government officials, key stakeholders, and impacted parties as the Project progresses. Public outreach also will involve collecting information about landowner properties and communicating with directly affected landowners during the final siting process.

Land acquisition plan	The proposed Jester station will be 100-acres in size and purchased in fee.
Construction responsibility	Company confidential and proprietary information
Benefits/Comments	Company confidential and proprietary information
Component Cost Details - In Current Year $	
Engineering & design	Company confidential and proprietary information
Permitting / routing / siting	Company confidential and proprietary information
ROW / land acquisition	Company confidential and proprietary information
Materials & equipment	Company confidential and proprietary information
Construction & commissioning	Company confidential and proprietary information
Construction management	Company confidential and proprietary information
Overheads & miscellaneous costs	Company confidential and proprietary information
Contingency	Company confidential and proprietary information
Total component cost	$101,206,943.00
Component cost (in-service year)	$113,909,306.00

Greenfield Transmission Line Component

Component title	Jester - Hayden 345 kV Greenfield Line
Project description	Company confidential and proprietary information
Point A	Jester Station
Point B	Hayden Station
Point C	

	Normal ratings	Emergency ratings

Summer (MVA)	2968.000000	4142.000000
Winter (MVA)	3752.000000	4646.000000
Conductor size and type	The new single circuit line will be constructed using 6-Wired, 2-Bundled – 1033 kcmil (54/7 Strand) ACSR “Curlew” conductor.	
Nominal voltage	AC	
Nominal voltage	345	
Line construction type	Overhead	
General route description	The 345 kV line will be approximately 12 miles between the proposed Jester Substation and the existing Hayden Substation. The line crosses predominately agricultural land within Madison and Franklin counties, Ohio.	
Terrain description	The topography for the 345 kV transmission line is relatively flat across farmland and gradually sloping adjacent to and across Big Darby Creek in Frankin County, Ohio.	
Right-of-way width by segment	The proposed Jester–Hayden 345 kV greenfield route ROW will be 150 feet in width and will parallel/cross existing rights-of-way for roads and best minimizes potential impacts to the natural and human environments.	
Electrical transmission infrastructure crossings	The proposed Jester – Hayden 345 kV transmission line will cross over two existing parallel single-circuit 69 kV transmission lines in Madison County. No other existing electrical infrastructure are crossed by the 345 kV line.	
Civil infrastructure/major waterway facility crossing plan	The proposed Jester – Hayden 345 kV transmission line will not impact civil infrastructure/major waterways. The 345 kV line will aerially span Big Darby Creek, requiring less than 1 acre of riparian tree clearing.	

Environmental impacts	Land use along the Bid Route corridor consists of predominately agricultural land use. The route intersects two distinct water features (i.e., Little Darby Creek and Big Darby Creek) and their FEMA-mapped floodplains and floodways. Narrow NWI-mapped wetlands are spanned adjacent to streams. Based on existing aerial photography, the proposed route likely passes unmapped wetland or drainage features. Desktop studies and record reviews will be conducted for wetlands and streams, hazardous materials, and cultural resources. No major environmental impacts or concerns were identified based on a preliminary desktop review. A General National Pollutant Discharge Elimination System (NPDES) Permit is required for the project and will be administered by Madison and Franklin counties and the city of Columbus, who are delegated program authority by the Ohio Department of Environmental Protection. The NPDES permit submission will include a Stormwater Pollution Prevention Plan (SWP3), Notice of Intent (NOI), and associated county applications if needed. There would be no proposed stormwater management facilities associated with the linear project and therefore the work would not represent a risk to the overall project.
Tower characteristics	This 345 kV, 6-wired, single circuit line utilizes self-supporting BOLD lattice tower construction that is vertically configured. Self-supporting suspension structures will be used to the extent possible as an effort to keep electrical infrastructure compatible with agricultural use.
Construction responsibility	Company confidential and proprietary information
Benefits/Comments	Company confidential and proprietary information
Component Cost Details - In Current Year $	
Engineering & design	Company confidential and proprietary information
Permitting / routing / siting	Company confidential and proprietary information
ROW / land acquisition	Company confidential and proprietary information
Materials & equipment	Company confidential and proprietary information
Construction & commissioning	Company confidential and proprietary information
Construction management	Company confidential and proprietary information
Overheads & miscellaneous costs	Company confidential and proprietary information
Contingency	Company confidential and proprietary information
Total component cost	$59,546,483.00
Component cost (in-service year)	$67,020,093.00

Greenfield Transmission Line Component

Component title	Jester 765 kV Line Cut-ins	
Project description	Company confidential and proprietary information	
Point A	Marysville	
Point B	Jester	
Point C	Flatlick	
	Normal ratings	Emergency ratings
Summer (MVA)	4047.000000	4349.000000
Winter (MVA)	4484.000000	4961.000000
Conductor size and type	The new line cut-ins will be constructed using a bundled conductor to meet/exceed SN/SE WN/WE ratings stated above.	
Nominal voltage	AC	
Nominal voltage	765	
Line construction type	Overhead	
General route description	The 765 kV tie-ins will be approximately 0.25 mile between the proposed Jester Greenfield Substation and the existing Gavin – Marysville 765 kV transmission lines in Madison County, Ohio.	
Terrain description	The topography for the 765 kV tie-ins is flat and consists of cultivated cropland. Land use in the surrounding area is predominately agricultural. No state or local highways are crossed by the 765 kV tie-ins.	
Right-of-way width by segment	The 765 kV greenfield line cut-ins routes will be 200 feet each in width and minimize potential impacts to the natural and human environments.	
Electrical transmission infrastructure crossings	No electrical transmission infrastructure crossings are present with the 765kV cut-ins.	
Civil infrastructure/major waterway facility crossing plan	The cut-ins will not impact civil infrastructure/major waterways.	

Environmental impacts	The cut-ins have undergone a robust siting analysis, as well as desktop environmental and cultural resource assessments.
Tower characteristics	The condition of the existing line is assumed to be in good working order. Structure loading at adjacent structures would remain unchanged due to proposing structure locations on cL and near existing tower locations.
Construction responsibility	Company confidential and proprietary information
Benefits/Comments	Company confidential and proprietary information
Component Cost Details - In Current Year $	
Engineering & design	Company confidential and proprietary information
Permitting / routing / siting	Company confidential and proprietary information
ROW / land acquisition	Company confidential and proprietary information
Materials & equipment	Company confidential and proprietary information
Construction & commissioning	Company confidential and proprietary information
Construction management	Company confidential and proprietary information
Overheads & miscellaneous costs	Company confidential and proprietary information
Contingency	Company confidential and proprietary information
Total component cost	$3,584,000.00
Component cost (in-service year)	$4,033,824.00

Substation Upgrade Component

Component title	Hayden Station 345 kV Expansion
Project description	Company confidential and proprietary information
Substation name	Hayden
Substation zone	AEP

Substation upgrade scope	Create a new 345 kV line position to Jester Station (double circuit line operated 6-wired) by adding 1-345 kV CB to the existing ring bus, 2-345 kV take-off towers, and other associated items.

Transformer Information

None

New equipment description	- 1-345kV, 5000A, 63kA CB - 2-345kV, 3000A, 3-phase, motor-operated CB disc. sw. - 6-345kV CB arresters - 3-345kV bus CCVT’s - 2-345kV, 3-phase, motor-operated line discharge grounding switches - Install associated relay equipment in the existing control enclosure. - Necessary structural supports for equipment
Substation assumptions	This proposal assumes that all necessary outages will be available, the existing AC, DC, & telecom systems will accommodate the new equipment, the existing control enclosure has space for the new relay equipment, ground grid resistivity test data are available, ground grid upgrades will not be needed, the existing cable trench has space for the new control cables, soil boring logs and geotechnical report are available, additional station stone will not be needed, and space will be available to install the equipment outlined in this description.
Real-estate description	All necessary land rights are acquired.
Construction responsibility	Company confidential and proprietary information
Benefits/Comments	Company confidential and proprietary information

Component Cost Details - In Current Year $

Engineering & design	Company confidential and proprietary information
Permitting / routing / siting	Company confidential and proprietary information
ROW / land acquisition	Company confidential and proprietary information
Materials & equipment	Company confidential and proprietary information
Construction & commissioning	Company confidential and proprietary information
Construction management	Company confidential and proprietary information
Overheads & miscellaneous costs	Company confidential and proprietary information
Contingency	Company confidential and proprietary information
Total component cost	$4,742,204.00

Component cost (in-service year)	$5,337,393.00

Transmission Line Upgrade Component

Component title	Hyatt - West Millersport 345 kV Reroute
Project description	Company confidential and proprietary information
Impacted transmission line	Hyatt - West Millersport
Point A	Hyatt Station
Point B	West Millersport Station
Point C	
Terrain description	Terrain is gently rolling hills.
Existing Line Physical Characteristics	
Operating voltage	345
Conductor size and type	1,414 kcmil 62/19 “Falbo”ACSR/PE
Hardware plan description	It is assumed no hardware could be reused.
Tower line characteristics	The condition of the existing line is assumed to be in good working order. Structure loading at adjacent structures would remain unchanged.

Proposed Line Characteristics

	Designed	Operating
Voltage (kV)	345.000000	345.000000
	Normal ratings	Emergency ratings
Summer (MVA)	971.000000	1376.000000
Winter (MVA)	1234.000000	1585.000000
Conductor size and type	unknown	

Shield wire size and type	unknown
Rebuild line length	0.5 miles
Rebuild portion description	Approximately 0.5-mile adjustment to 345kV alignment, located wholly within AEP-owned property, to connect to the Corridor substation.
Right of way	It is anticipated that the Proposed Solution would not require new ROW; however, current landowners that are crossed by the existing transmission line would need to be notified of the proposed upgrades.
Construction responsibility	Company confidential and proprietary information
Benefits/Comments	Company confidential and proprietary information
Component Cost Details - In Current Year $	
Engineering & design	Company confidential and proprietary information
Permitting / routing / siting	Company confidential and proprietary information
ROW / land acquisition	Company confidential and proprietary information
Materials & equipment	Company confidential and proprietary information
Construction & commissioning	Company confidential and proprietary information
Construction management	Company confidential and proprietary information
Overheads & miscellaneous costs	Company confidential and proprietary information
Contingency	Company confidential and proprietary information
Total component cost	$4,850,301.00
Component cost (in-service year)	$5,459,055.00

Transmission Line Upgrade Component

Component title	Kenny – Roberts 138 kV Upgrade
Project description	Company confidential and proprietary information

Impacted transmission line	Kenny - Roberts
Point A	Kenny Station
Point B	Roberts Station
Point C	
Terrain description	Terrain along the Proposed Solution is flat in a residentially developed community in Upper Arlington.
Existing Line Physical Characteristics	
Operating voltage	138
Conductor size and type	Unkown
Hardware plan description	It is assumed no hardware could be reused.
Tower line characteristics	N/A
Proposed Line Characteristics	

	Designed	Operating
Voltage (kV)	138.000000	138.000000
	Normal ratings	Emergency ratings
Summer (MVA)	285.000000	311.000000
Winter (MVA)	285.000000	318.000000

Conductor size and type	unknown
Shield wire size and type	unknown
Rebuild line length	3.5 miles

Rebuild portion description	The incumbent portion of the Kenny – Roberts 138 kV line in western Columbus, Ohio, involves rebuilding the existing underground line predominantly within road right-of-way. The underground rebuild begins at the existing Kenny Substation, traveling south and west through North Star Road and Zollinger Road. From here, the underground rebuild travels through Griggs Reservoir Park and the Scioto River before transitioning to an overhead line just west of the river that continues to the existing Roberts Substation.
Right of way	It is anticipated that the Proposed Solution would not require new ROW.
Construction responsibility	Company confidential and proprietary information
Benefits/Comments	Company confidential and proprietary information
Component Cost Details - In Current Year $	
Engineering & design	Company confidential and proprietary information
Permitting / routing / siting	Company confidential and proprietary information
ROW / land acquisition	Company confidential and proprietary information
Materials & equipment	Company confidential and proprietary information
Construction & commissioning	Company confidential and proprietary information
Construction management	Company confidential and proprietary information
Overheads & miscellaneous costs	Company confidential and proprietary information
Contingency	Company confidential and proprietary information
Total component cost	$49,860,358.00
Component cost (in-service year)	$56,118,263.00

Substation Upgrade Component

Component title	Corridor Substation Upgrade
Project description	Company confidential and proprietary information
Substation name	Corridor Station

Substation zone	AEP
Substation upgrade scope	Create two (2) new 345 kV line positions and cut-in the existing 345 kV Hyatt-West Millersport line by adding 3-345 kV CB’s, a CB & a half string, 2-345 kV take-off towers, and other associated items.

Transformer Information

None

New equipment description	- 3-345kV, 5000A, 63kA CB’s - 3-345kV, 3000A, 3-phase, motor-operated CB disc. sw. - 6-345kV line arresters - 6-345kV line CCVT’s - 4-345kV, 3000A line traps - Install associated relay equipment in the existing control enclosure. - Necessary support structures for equipment
Substation assumptions	This proposal assumes that all necessary outages will be available, the existing AC, DC, & telecom systems will accommodate the new equipment, the existing control enclosure has space for the new relay equipment, ground grid resistivity test data are available, ground grid upgrades will not be needed, the existing cable trench has space for the new control cables, soil boring logs and geotechnical report are available, additional station stone will not be needed, and space will be available to install the equipment outlined in this description.
Real-estate description	All necessary land rights are acquired.
Construction responsibility	Company confidential and proprietary information
Benefits/Comments	Company confidential and proprietary information

Component Cost Details - In Current Year $

Engineering & design	Company confidential and proprietary information
Permitting / routing / siting	Company confidential and proprietary information
ROW / land acquisition	Company confidential and proprietary information
Materials & equipment	Company confidential and proprietary information
Construction & commissioning	Company confidential and proprietary information
Construction management	Company confidential and proprietary information
Overheads & miscellaneous costs	Company confidential and proprietary information
Contingency	Company confidential and proprietary information

Total component cost	$5,520,501.00
Component cost (in-service year)	$6,213,371.00

Transmission Line Upgrade Component

Component title	Kenny - Clinton CT upgrade
Project description	Company confidential and proprietary information
Impacted transmission line	Kenny - Clinton
Point A	Kenny Station
Point B	Clinton Station
Point C	
Terrain description	Terrain along the Proposed Solution is flat in a residentially developed community
Existing Line Physical Characteristics	
Operating voltage	138
Conductor size and type	Unkown
Hardware plan description	It is assumed no hardware could be reused.
Tower line characteristics	N/A
Proposed Line Characteristics	

	Designed	Operating
Voltage (kV)	138.000000	138.000000
	Normal ratings	Emergency ratings
Summer (MVA)	217.000000	310.000000
Winter (MVA)	227.000000	321.000000

Conductor size and type	unknown
Shield wire size and type	unknown
Rebuild line length	N/A
Rebuild portion description	Relay upgrade at Kenny 138 kV station
Right of way	It is anticipated that the Proposed Solution would not require new ROW.
Construction responsibility	Company confidential and proprietary information
Benefits/Comments	Company confidential and proprietary information
Component Cost Details - In Current Year $	
Engineering & design	Company confidential and proprietary information
Permitting / routing / siting	Company confidential and proprietary information
ROW / land acquisition	Company confidential and proprietary information
Materials & equipment	Company confidential and proprietary information
Construction & commissioning	Company confidential and proprietary information
Construction management	Company confidential and proprietary information
Overheads & miscellaneous costs	Company confidential and proprietary information
Contingency	Company confidential and proprietary information
Total component cost	$100,001.00
Component cost (in-service year)	$112,550.00

Congestion Drivers

None

Existing Flowgates

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2024W1-GD-S380	290620	05MARYSVL_RM	242926	05MALIS	1	765	205	Summer Gen Deliv	Excluded
2024W1-GD-S381	245769	05ADKINS	243453	05BEATTY	1	345	205	Summer Gen Deliv	Excluded
2024W1-GD-S426	245769	05ADKINS	243453	05BEATTY	1	345	205	Summer Gen Deliv	Excluded
2024W1-GD-S406	242928	05MARYSV	290620	05MARYSVL_RM	Z1	765	205	Summer Gen Deliv	Excluded
2024W1-GD-S407	290620	05MARYSVL_RM	242926	05MALIS	1	765	205	Summer Gen Deliv	Excluded
2024W1-GD-S378	245769	05ADKINS	243453	05BEATTY	1	345	205	Summer Gen Deliv	Excluded
2024W1-GD-S409	290620	05MARYSVL_RM	242926	05MALIS	1	765	205	Summer Gen Deliv	Excluded
2024W1-N11-ST33	243513	05GENOA	243590	05WESTAR	1	138	205	Summer N-1-1 Thermal	Included
2024W1-GD-S436	245769	05ADKINS	243453	05BEATTY	1	345	205	Summer Gen Deliv	Excluded
2024W1-GD-S411	242928	05MARYSV	290620	05MARYSVL_RM	Z1	765	205	Summer Gen Deliv	Excluded
2024W1-GD-S894	245769	05ADKINS	243453	05BEATTY	1	345	205	Summer Gen Deliv	Excluded
2024W1-N11-ST13	243537	05MALIS	243553	05POLARS	1	138	205	Summer N-1-1 Thermal	Included
2024W1-GD-S471	288724	05CHENOWETH	243453	05BEATTY	1	345	205	Summer Gen Deliv	Excluded
2024W1-GD-S410	290620	05MARYSVL_RM	242926	05MALIS	1	765	205	Summer Gen Deliv	Excluded
2024W1-GD-S472	288724	05CHENOWETH	243453	05BEATTY	1	345	205	Summer Gen Deliv	Excluded
2024W1-N11-ST39	243513	05GENOA	243590	05WESTAR	1	138	205	Summer N-1-1 Thermal	Included
2024W1-N11-ST16	243537	05MALIS	243538	05MALISX	ZB	138	205	Summer N-1-1 Thermal	Excluded
2024W1-N11-ST15	243537	05MALIS	243553	05POLARS	1	138	205	Summer N-1-1 Thermal	Included
2024W1-GD-S435	245769	05ADKINS	243453	05BEATTY	1	345	205	Summer Gen Deliv	Excluded
2024W1-GD-S438	242926	05MALIS	246751	05VASSEL	1	765	205	Summer Gen Deliv	Excluded
2024W1-GD-S439	242926	05MALIS	246751	05VASSEL	1	765	205	Summer Gen Deliv	Excluded
2024W1-N11-ST21	243537	05MALIS	243553	05POLARS	1	138	205	Summer N-1-1 Thermal	Included
2024W1-GD-S395	242926	05MALIS	246751	05VASSEL	1	765	205	Summer Gen Deliv	Excluded
2024W1-N11-ST20	243537	05MALIS	243553	05POLARS	1	138	205	Summer N-1-1 Thermal	Included
2024W1-GD-S437	242926	05MALIS	246751	05VASSEL	1	765	205	Summer Gen Deliv	Excluded
2024W1-GD-S379	242928	05MARYSV	290620	05MARYSVL_RM	Z1	765	205	Summer Gen Deliv	Excluded
2024W1-N11-ST4	243537	05MALIS	243538	05MALISX	ZB	138	205	Summer N-1-1 Thermal	Excluded

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2024W1-N11-ST3	243537	05MALIS	243538	05MALISX	ZB	138	205	Summer N-1-1 Thermal	Excluded
2024W1-GD-S450	243538	05MALISX	243537	05MALIS	ZB	138	205	Summer Gen Deliv	Excluded
2024W1-GD-S92	243538	05MALISX	243537	05MALIS	ZB	138	205	Summer Gen Deliv	Excluded
2024W1-GD-S408	242928	05MARYSV	290620	05MARYSVL_RM	Z1	765	205	Summer Gen Deliv	Excluded

New Flowgates

Company confidential and proprietary information

Financial Information

Capital spend start date	02/2025
Construction start date	08/2026
Project Duration (In Months)	40

Cost Containment Commitment

Cost cap (in current year)	Company confidential and proprietary information
Cost cap (in-service year)	Company confidential and proprietary information

Components covered by cost containment

1. Jester Greenfield Station - Transource
2. Jester - Hayden 345 kV Greenfield Line - Transource

Cost elements covered by cost containment

Engineering & design	Yes
Permitting / routing / siting	No
ROW / land acquisition	No

Materials & equipment	No
Construction & commissioning	No
Construction management	No
Overheads & miscellaneous costs	No
Taxes	No
AFUDC	No
Escalation	No
Additional Information	Company confidential and proprietary 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?	Company confidential and proprietary information

Additional Comments

None