Greene - South Bird Transmission Project

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	543
Project title	Greene - South Bird Transmission Project
Project description	The Greene–South Bird Transmission Project involves constructing a new 345 kV transmission line from Greene to a new 345/138 kV substation, South Bird. The South Bird Substation will be configured as a three-breaker ring bus and equipped with two 345/138 kV transformers. The project also includes the installation of two 138 kV transmission lines connecting the South Bird Substation to the existing Melissa Substation.
Email	CONFIDENTIAL INFORMATION
Project in-service date	06/2030
Tie-line impact	No
Interregional project	No
Is the proposer offering a binding cap on capital costs?	Yes
Additional benefits	CONFIDENTIAL INFORMATION

Project Components

1. South Bird 345/138kV Substation
2. Greene Substation Upgrade
3. Melissa Substation Upgrade

4. Greene - South Bird 345kV Transmission Line
5. South Bird - Melissa #1 138kV Transmission Line
6. South Bird - Melissa #2 138kV Transmission Line

Greenfield Substation Component

Component title	South Bird 345/138kV Substation
Project description	CONFIDENTIAL INFORMATION
Substation name	South Bird
Substation description	The South Bird substation is a 3 position ring bus that includes 2 345/138kV transformers.
Nominal voltage	AC
Nominal voltage	345/138

Transformer Information

	Name		Capacity (MVA)	
Transformer	Transformer #1		493	
	High Side	Low Side		Tertiary
Voltage (kV)	345	138		
	Name		Capacity (MVA)	
Transformer	Transformer #2		493	
	High Side	Low Side		Tertiary
Voltage (kV)	345	138		

Major equipment description	345 kV ring bus configuration with three (3) positions, three (3) circuit breakers, and associated equipment.

	Normal ratings	Emergency ratings
Summer (MVA)	1793.000000	1793.000000
Winter (MVA)	1793.000000	1793.000000

Environmental assessment	The Project will require a Certificate of Environmental Compatibility and Public Need from the Ohio Power Siting Board (“OPSB”) pursuant to Ohio Revised Code (ORC) Chapter 4906. The proposed Project has been sited to avoid and minimize impacts to environmentally sensitive areas, including wetlands and waters, based on GIS data. While complete avoidance may not be possible, any impacts to wetlands or waterways will be minimized to the extent practicable. A qualified consultant will be engaged to perform a formal delineation of wetlands and waters to establish jurisdictional boundaries of aquatic resources within the Project area. The results will be used to refine Project siting, if necessary, and determine permitting requirements. The U.S. Army Corps of Engineers (USACE) will review the Project for compliance with Section 106 of the National Historic Preservation Act (16 U.S.C. § 470 et seq.) and Section 7 of the Federal Endangered Species Act (16 U.S.C. § 1536(a)(2)), in coordination with the Ohio State Historic Preservation Office (SHPO) and the U.S. Fish and Wildlife Service (USFWS), respectively. In addition to OPSB and federal requirements, other permits may be necessary for Project construction. These are expected to be minor, as they typically require less effort to prepare and undergo less intensive review. Examples include Federal Aviation Administration airspace clearance and stormwater/erosion and sediment control permits under Ohio EPA’s National Pollutant Discharge Elimination System (NPDES) Construction General Permit. Following project award, the Proposer will consult with local municipalities and applicable state and federal agencies to confirm permitting requirements, determine the types and scopes of environmental surveys and studies needed, and identify appropriate avoidance and mitigation measures.
Outreach plan	The Proposer will identify and engage stakeholders—including municipal officials, community leaders, and landowners whose properties are located within the proposed right-of-way or within 300 feet of the Project centerline—early in the development process and maintain an open, ongoing dialogue throughout. In accordance with Ohio Power Siting Board (OPSB) public involvement requirements, the Proposer will: 1)Provide written notice of the proposed Project and public informational meeting(s) to affected property owners, municipalities, county governments, and other stakeholders as required under Ohio Administrative Code (OAC) 4906-3-03(B). 2) Publish notice of the Project and public meeting(s) in newspapers of general circulation in the Project area at least seven days prior to the meeting(s). 3) Conduct at least one public informational meeting in the Project area to provide an opportunity for landowners and community members to learn about the Project, ask questions, and provide feedback regarding routing, siting, and potential community impacts. Project information, including maps, schedules, and contact information for submitting comments, will be made available on the Proposer’s website. Feedback received through the public involvement process will be documented and considered in the siting and design process to the extent practicable, consistent with OPSB review procedures.

Land acquisition plan	The Project will be located on new right-of-way (ROW) to be acquired by the Proposer. In addition, the Proposer will obtain any necessary easements required for site access. A Right-of-Way Manager will be assigned to oversee all real estate activities for the Project, including appraisals, title work, surveying, land acquisition, and restoration. A qualified right-of-way agent will meet with affected property owners in person to explain the Project and, as necessary, secure permission to conduct surveys, archaeological studies, environmental assessments, and other pre-construction activities. The right-of-way agent will serve as the primary point of contact for negotiating the acquisition of the substation site and any required easements on a mutually agreeable basis. If negotiations reach an impasse, the Proposer will have the authority to pursue property acquisition through eminent domain, consistent with Ohio Revised Code Chapters 163 and 4905. Right-of-way agents will maintain regular communication with property owners throughout construction and the restoration process, ensuring that post-construction restoration meets or exceeds applicable standards and is satisfactory to the landowner to the extent practicable.
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	$35,466,828.00
Component cost (in-service year)	$39,454,327.00

Substation Upgrade Component

Component title	Greene Substation Upgrade

Project description	CONFIDENTIAL INFORMATION
Substation name	Greene
Substation zone	1209
Substation upgrade scope	The upgrade scope includes adding one (1) new breaker and associated equipment to create one (1) new position.

Transformer Information

None

New equipment description	345 kV Circuit Breaker (1) and associated equipment to create one (1) new 345 kV position.
Substation assumptions	The substation can be expanded to the east to accommodate the expansion.
Real-estate description	Additional real estate to the east is required for this component.
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	$5,107,542.00
Component cost (in-service year)	$5,677,550.00

Substation Upgrade Component

Component title	Melissa Substation Upgrade
Project description	CONFIDENTIAL INFORMATION
Substation name	Melissa
Substation zone	1243
Substation upgrade scope	The Melissa Substation expansion consists of adding two (2) breaker and half bus position to the existing 138kV substation.

Transformer Information

None

New equipment description	138 kV Circuit Breakers (3) and associated equipment to create two (2) new 138kV position.
Substation assumptions	The substation can be expanded to the south to accommodate the expansion.
Real-estate description	Additional real estate to the south is owned and can be used for this component.
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	$6,858,326.00
Component cost (in-service year)	$7,623,724.00

Greenfield Transmission Line Component

Component title	Greene - South Bird 345kV Transmission Line
Project description	CONFIDENTIAL INFORMATION
Point A	Greene
Point B	South Bird
Point C	

	Normal ratings	Emergency ratings
Summer (MVA)	1793.000000	1793.000000
Winter (MVA)	1793.000000	1793.000000

Conductor size and type	Double Bundle 954 kcmil "Cardinal" ACSS/TW/MA3
Nominal voltage	AC
Nominal voltage	345
Line construction type	Overhead
General route description	The route heads generally northeast away from the existing Greene Substation and primarily traverses farmland for approximately 21.6 miles before terminating at the new South Bird Substation. The route crosses several existing transmission lines. There are no habitable structures within the right of way and route crosses 110 parcels. Based on desktop level data for mapped wetlands and floodplains, structures were sited such that there will be no permanent impact to these areas.
Terrain description	The terrain for the route is largely characterized by agricultural fields. The route traverses some woodlands and mainly farmlands. Traditional methods of access and construction are feasible along the entire route.

Right-of-way width by segment	The new transmission line is approximately 21.6 miles in length with a right-of-way width planned to be 130 feet.
Electrical transmission infrastructure crossings	Over Bath to Trebein 138kV, Over Clark to East Springfield 138kV, Over Clark to Greene 138kV, Over Clark to Greene 138kV, Over Clark to Greene 138kV, Over Foster to Bath 345kV, Over Greene to Beatty 345kV, Over Trebein to Tap 69kV, Over Yellow Springs to Southwestern 69kV
Civil infrastructure/major waterway facility crossing plan	The Proposer will obtain all necessary crossing and encroachment permits, authorizations, and agreements for existing linear infrastructure intersected by the Project. Coordination will be conducted with all affected easement holders, including—but not limited to—municipal and county road authorities, oil and gas pipeline operators, electric transmission owners, and local distribution utilities (electric, sewer, water, gas, fiber, and other communications) to ensure that the Project does not interfere with existing easement rights. The Proposer will obtain occupation permits from municipal and county jurisdictions for the placement of transmission facilities over public roadways, consistent with applicable Ohio Revised Code provisions and local ordinances. In addition, the Proposer will secure crossing agreements with the owners of existing oil and gas pipelines, transmission lines, and other utilities as required to maintain compliance with safety, operational, and right-of-way standards.

Environmental impacts	The Project will require a Certificate of Environmental Compatibility and Public Need from the Ohio Power Siting Board (“OPSB”) pursuant to Ohio Revised Code (ORC) Chapter 4906. The proposed Project has been routed to avoid and minimize impacts to environmentally sensitive areas, including wetlands and waters, based on GIS data. Environmental impacts will be further minimized by collocating the proposed transmission line along corridors of existing linear development to the maximum extent practicable. The Proposer will engage a qualified consultant to conduct a delineation of wetlands and waters in order to establish jurisdictional boundaries of aquatic resources within the Project area. The results will be used to refine Project routing, if necessary, and to determine permitting requirements. Any unavoidable impacts to regulated aquatic resources will be mitigated in accordance with applicable state and federal regulations. Aquatic resources temporarily impacted during construction will be restored to pre-construction conditions in accordance with applicable permit requirements. If unavoidable permanent impacts occur, compensatory mitigation will be implemented as required. The U.S. Army Corps of Engineers (USACE) will review the Project for compliance with Section 106 of the National Historic Preservation Act (16 U.S.C. § 470 et seq.) and Section 7 of the Federal Endangered Species Act (16 U.S.C. § 1536(a)(2)), in coordination with the Ohio State Historic Preservation Office (SHPO) and the U.S. Fish and Wildlife Service (USFWS), respectively. In addition to OPSB certification and federal permits, the Proposer has identified other permits that may be required for Project construction. These are anticipated to be minor due to the relatively limited effort to prepare applications and the streamlined review processes typically associated with them. Examples include Federal Aviation Administration airspace clearance, Ohio Environmental Protection Agency stormwater/erosion and sediment control permits under the National Pollutant Discharge Elimination System (NPDES) Construction General Permit, roadway crossing permits, and utility or railroad crossing agreements. Following Project award, the Proposer will consult with local jurisdictions, as well as state and federal permitting agencies, to confirm permitting requirements, define the types and scopes of environmental surveys and studies required, and determine appropriate avoidance and mitigation measures
Tower characteristics	The towers will primarily consist of self-supported tubular steel monopoles in a delta configuration with direct embed foundations.
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	$71,101,207.00
Component cost (in-service year)	$84,856,928.00

Greenfield Transmission Line Component

Component title	South Bird - Melissa #1 138kV Transmission Line
Project description	CONFIDENTIAL INFORMATION
Point A	South Bird
Point B	Melissa
Point C	

	Normal ratings	Emergency ratings
Summer (MVA)	493.000000	493.000000
Winter (MVA)	493.000000	493.000000

Conductor size and type	Single 1351 kcmil "Martin" ACSS/TW/MA3
Nominal voltage	AC
Nominal voltage	138
Line construction type	Overhead
General route description	The route heads east out of the South Bird Substation to connect to the adjacent Melissa Substation.
Terrain description	The terrain for the route is farmland.

Right-of-way width by segment	The new transmission line is approximately 0.3 miles in length with a right-of-way width planned to be 100 feet.
Electrical transmission infrastructure crossings	Over East Springfield to London 138kV
Civil infrastructure/major waterway facility crossing plan	The Proposer will obtain all necessary crossing and encroachment permits, authorizations, and agreements for existing linear infrastructure intersected by the Project. Coordination will be conducted with all affected easement holders, including—but not limited to—municipal and county road authorities, oil and gas pipeline operators, electric transmission owners, and local distribution utilities (electric, sewer, water, gas, fiber, and other communications) to ensure that the Project does not interfere with existing easement rights. The Proposer will obtain occupation permits from municipal and county jurisdictions for the placement of transmission facilities over public roadways, consistent with applicable Ohio Revised Code provisions and local ordinances. In addition, the Proposer will secure crossing agreements with the owners of existing oil and gas pipelines, transmission lines, and other utilities as required to maintain compliance with safety, operational, and right-of-way standards.
Environmental impacts	The Project will require a Certificate of Environmental Compatibility and Public Need from the Ohio Power Siting Board (“OPSB”) pursuant to Ohio Revised Code (ORC) Chapter 4906. The proposed Project has been routed to avoid and minimize impacts to environmentally sensitive areas, including wetlands and waters, based on GIS data. Environmental impacts will be further minimized by collocating the proposed transmission line along corridors of existing linear development to the maximum extent practicable. The Proposer will engage a qualified consultant to conduct a delineation of wetlands and waters in order to establish jurisdictional boundaries of aquatic resources within the Project area. The results will be used to refine Project routing, if necessary, and to determine permitting requirements. Any unavoidable impacts to regulated aquatic resources will be mitigated in accordance with applicable state and federal regulations. Aquatic resources temporarily impacted during construction will be restored to pre-construction conditions in accordance with applicable permit requirements. If unavoidable permanent impacts occur, compensatory mitigation will be implemented as required. The U.S. Army Corps of Engineers (USACE) will review the Project for compliance with Section 106 of the National Historic Preservation Act (16 U.S.C. § 470 et seq.) and Section 7 of the Federal Endangered Species Act (16 U.S.C. § 1536(a)(2)), in coordination with the Ohio State Historic Preservation Office (SHPO) and the U.S. Fish and Wildlife Service (USFWS), respectively. In addition to OPSB certification and federal permits, the Proposer has identified other permits that may be required for Project construction. These are anticipated to be minor due to the relatively limited effort to prepare applications and the streamlined review processes typically associated with them. Examples include Federal Aviation Administration airspace clearance, Ohio Environmental Protection Agency stormwater/erosion and sediment control permits under the National Pollutant Discharge Elimination System (NPDES) Construction General Permit, roadway crossing permits, and utility or railroad crossing agreements. Following Project award, the Proposer will consult with local jurisdictions, as well as state and federal permitting agencies, to confirm permitting requirements, define the types and scopes of environmental surveys and studies required, and determine appropriate avoidance and mitigation measures

Tower characteristics	The towers will primarily consist of self-supported tubular steel monopoles in a delta configuration with direct embed foundations.
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	$1,436,874.00
Component cost (in-service year)	$1,714,861.00

Greenfield Transmission Line Component

Component title	South Bird - Melissa #2 138kV Transmission Line
Project description	CONFIDENTIAL INFORMATION
Point A	South Bird
Point B	Melissa
Point C	

	Normal ratings	Emergency ratings

Summer (MVA)	493.000000	493.000000
Winter (MVA)	493.000000	493.000000
Conductor size and type	Single 1351 kcmil "Martin" ACSS/TW/MA3	
Nominal voltage	AC	
Nominal voltage	138	
Line construction type	Overhead	
General route description	The route heads east out of the South Bird Substation to connect to the adjacent Melissa Substation.	
Terrain description	The terrain for the route is farmland.	
Right-of-way width by segment	The new transmission line is approximately 0.3 miles in length with a right-of-way width planned to be 100 feet.	
Electrical transmission infrastructure crossings	Over East Springfield to London 138kV	
Civil infrastructure/major waterway facility crossing plan	The Proposer will obtain all necessary crossing and encroachment permits, authorizations, and agreements for existing linear infrastructure intersected by the Project. Coordination will be conducted with all affected easement holders, including—but not limited to—municipal and county road authorities, oil and gas pipeline operators, electric transmission owners, and local distribution utilities (electric, sewer, water, gas, fiber, and other communications) to ensure that the Project does not interfere with existing easement rights. The Proposer will obtain occupation permits from municipal and county jurisdictions for the placement of transmission facilities over public roadways, consistent with applicable Ohio Revised Code provisions and local ordinances. In addition, the Proposer will secure crossing agreements with the owners of existing oil and gas pipelines, transmission lines, and other utilities as required to maintain compliance with safety, operational, and right-of-way standards.	

Environmental impacts	The Project will require a Certificate of Environmental Compatibility and Public Need from the Ohio Power Siting Board (“OPSB”) pursuant to Ohio Revised Code (ORC) Chapter 4906. The proposed Project has been routed to avoid and minimize impacts to environmentally sensitive areas, including wetlands and waters, based on GIS data. Environmental impacts will be further minimized by collocating the proposed transmission line along corridors of existing linear development to the maximum extent practicable. The Proposer will engage a qualified consultant to conduct a delineation of wetlands and waters in order to establish jurisdictional boundaries of aquatic resources within the Project area. The results will be used to refine Project routing, if necessary, and to determine permitting requirements. Any unavoidable impacts to regulated aquatic resources will be mitigated in accordance with applicable state and federal regulations. Aquatic resources temporarily impacted during construction will be restored to pre-construction conditions in accordance with applicable permit requirements. If unavoidable permanent impacts occur, compensatory mitigation will be implemented as required. The U.S. Army Corps of Engineers (USACE) will review the Project for compliance with Section 106 of the National Historic Preservation Act (16 U.S.C. § 470 et seq.) and Section 7 of the Federal Endangered Species Act (16 U.S.C. § 1536(a)(2)), in coordination with the Ohio State Historic Preservation Office (SHPO) and the U.S. Fish and Wildlife Service (USFWS), respectively. In addition to OPSB certification and federal permits, the Proposer has identified other permits that may be required for Project construction. These are anticipated to be minor due to the relatively limited effort to prepare applications and the streamlined review processes typically associated with them. Examples include Federal Aviation Administration airspace clearance, Ohio Environmental Protection Agency stormwater/erosion and sediment control permits under the National Pollutant Discharge Elimination System (NPDES) Construction General Permit, roadway crossing permits, and utility or railroad crossing agreements. Following Project award, the Proposer will consult with local jurisdictions, as well as state and federal permitting agencies, to confirm permitting requirements, define the types and scopes of environmental surveys and studies required, and determine appropriate avoidance and mitigation measures
Tower characteristics	The towers will primarily consist of self-supported tubular steel monopoles in a delta configuration with direct embed foundations.
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	$1,436,874.00
Component cost (in-service year)	$1,714,861.00

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
2025W1-GD-LL15	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-W177	275232	WILTON ;3M	270644	WILTON ;	1	345/765	222	Generation Deliverability	Included
2025W1-N11-ST70	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL16	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-W178	270926	WILTON ; B	275232	WILTON ;3M	1	345	222	Generation Deliverability	Included
2025W1-N11-ST71	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL175	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-W185	275233	WILTON ;4M	270644	WILTON ;	1	345/765	222	Generation Deliverability	Included
2025W1-N11-ST72	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL176	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-GD-W186	270927	WILTON ; R	275233	WILTON ;4M	1	345	222	Generation Deliverability	Included
2025W1-GD-LL13	314747	6BREMO	313867	6BREMODIST	1	230	345	Generation Deliverability	Included
2025W1-GD-W175	275232	WILTON ;3M	270644	WILTON ;	1	345/765	222	Generation Deliverability	Included
2025W1-N11-ST66	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL130	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-GD-W176	270926	WILTON ; B	275232	WILTON ;3M	1	345	222	Generation Deliverability	Included
2025W1-N11-ST67	238908	02LONDON	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL136	200762	26GARRETT	235470	01GARRET	1	115	226/201	Generation Deliverability	Included
2025W1-GD-W27	275232	WILTON ;3M	270644	WILTON ;	1	345/765	222	Generation Deliverability	Included
2025W1-N11-ST68	238908	02LONDON	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL14	313867	6BREMODIST	313707	6FORK UNION	1	230	345	Generation Deliverability	Included
2025W1-GD-W28	270926	WILTON ; B	275232	WILTON ;3M	1	345	222	Generation Deliverability	Included
2025W1-N11-ST69	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST63	238908	02LONDON	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-GD-W377	208113	SUSQ	207972	TOMH	2	230	229	Generation Deliverability	Included
2025W1-N11-ST64	238908	02LONDON	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-GD-W378	208113	SUSQ	207972	TOMH	1	230	229	Generation Deliverability	Included
2025W1-N11-ST65	238529	02AIRPK+	238703	02ESPRNG	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL177	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-LL178	238703	02ESPRNG	240710	02MELISSA	2	138	202	Generation Deliverability	Included
2025W1-GD-LL195	208113	SUSQ	207972	TOMH	2	230	229	Generation Deliverability	Included
2025W1-GD-W383	243232	05SORENS	243211	05ALLEN	1	345	205	Generation Deliverability	Included
2025W1-N11-ST81	207972	TOMH	208113	SUSQ	2	230	229	N-1-1 Thermal	Included
2025W1-GD-LL22	314303	6HOPEWLL	314286	6CHESTF A	1	230	345	Generation Deliverability	Included
2025W1-GD-W44	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-N11-ST82	207972	TOMH	208113	SUSQ	2	230	229	N-1-1 Thermal	Included
2025W1-GD-LL24	314303	6HOPEWLL	314286	6CHESTF A	1	230	345	Generation Deliverability	Included
2025W1-GD-W345	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-LL25	313373	6GRAPEVINE	314765	6MTEAGLE	1	230	345	Generation Deliverability	Included
2025W1-GD-LL190	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-GD-W189	270927	WILTON ; R	275233	WILTON ;4M	1	345	222	Generation Deliverability	Included
2025W1-N11-ST77	243469	05BEATTY	243540	05MCCOMB	1	138	205	N-1-1 Thermal	Included
2025W1-GD-LL191	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-GD-W193	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-N11-ST78	238908	02LONDON	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL192	208113	SUSQ	207972	TOMH	2	230	229	Generation Deliverability	Included
2025W1-GD-W380	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-N11-ST79	243469	05BEATTY	246716	05PHILLIPI	1	138	205	N-1-1 Thermal	Included
2025W1-GD-LL194	208113	SUSQ	207972	TOMH	1	230	229	Generation Deliverability	Included
2025W1-GD-W344	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-N11-ST80	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST73	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-GD-W38	270927	WILTON ; R	275233	WILTON ;4M	1	345	222	Generation Deliverability	Included
2025W1-N11-ST74	238908	02LONDON	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-GD-W39	275233	WILTON ;4M	270644	WILTON ;	1	345/765	222	Generation Deliverability	Included
2025W1-N11-ST75	238908	02LONDON	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL180	200762	26GARRETT	235470	01GARRET	1	115	226/201	Generation Deliverability	Included
2025W1-GD-W188	275233	WILTON ;4M	270644	WILTON ;	1	345/765	222	Generation Deliverability	Included
2025W1-N11-ST76	240710	02MELISSA	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL27	314303	6HOPEWLL	314286	6CHESTF A	1	230	345	Generation Deliverability	Included
2025W1-N11-ST48	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included
2025W1-N11-WT46	238623	02CLARK	241968	AD1-140 TAP	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST49	207972	TOMH	207977	HARW	2	230	229	N-1-1 Thermal	Included
2025W1-N11-WT47	238703	02ESPRNG	240710	02MELISSA	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST50	207972	TOMH	207977	HARW	2	230	229	N-1-1 Thermal	Included
2025W1-N11-WT48	243485	05CLINTO	243576	05ST.CLX	1	138	205	N-1-1 Thermal	Included
2025W1-N11-ST51	207972	TOMH	207977	HARW	1	230	229	N-1-1 Thermal	Included
2025W1-N11-WT49	243548	05MOUND ST	243876	05ST.CXX	1	138	205	N-1-1 Thermal	Included
2025W1-N11-ST44	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT42	210437	BLMO	211161	SIEG	1	138	229	N-1-1 Thermal	Included
2025W1-N11-ST45	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-N11-WT43	243485	05CLINTO	243576	05ST.CLX	1	138	205	N-1-1 Thermal	Included
2025W1-N11-ST46	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT44	210437	BLMO	211161	SIEG	1	138	229	N-1-1 Thermal	Included
2025W1-N11-ST47	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included
2025W1-N11-WT45	243548	05MOUND ST	243876	05ST.CXX	1	138	205	N-1-1 Thermal	Included
2025W1-N11-ST43	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT41	238703	02ESPRNG	240710	02MELISSA	2	138	202	N-1-1 Thermal	Included
2025W1-GD-W157	241952	02DEERCREEK	238908	02LONDON	1	138	202	Generation Deliverability	Included
2025W1-N11-ST52	207972	TOMH	207977	HARW	1	230	229	N-1-1 Thermal	Included
2025W1-N11-WT50	238703	02ESPRNG	240710	02MELISSA	2	138	202	N-1-1 Thermal	Included
2025W1-GD-W159	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-LL112	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-W21	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-N11-ST59	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT59	210437	BLMO	210696	GILB 1	1	138	229	N-1-1 Thermal	Included
2025W1-GD-LL113	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-W22	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-N11-ST60	238908	02LONDON	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT60	238703	02ESPRNG	240710	02MELISSA	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL114	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-W375	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-N11-ST61	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT61	241968	AD1-140 TAP	253026	09GREENE	1	138	202/209	N-1-1 Thermal	Included
2025W1-GD-LL119	238703	02ESPRNG	240710	02MELISSA	2	138	202	Generation Deliverability	Included
2025W1-GD-W166	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-N11-ST62	238529	02AIRPK+	238703	02ESPRNG	1	138	202	N-1-1 Thermal	Included
2025W1-GD-W18	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-N11-ST55	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included

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2025W1-N11-WT53	243548	05MOUND ST	243876	05ST.CXX	1	138	205	N-1-1 Thermal	Included
2025W1-GD-LL11	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-W161	243469	05BEATTY	241952	02DEERCREEK	1	138	202/205	Generation Deliverability	Included
2025W1-N11-ST56	238908	02LONDON	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT54	241968	AD1-140 TAP	253026	09GREENE	1	138	202/209	N-1-1 Thermal	Included
2025W1-GD-LL110	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-GD-W164	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-N11-ST57	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT57	238703	02ESPRNG	240710	02MELISSA	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL111	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-W19	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-N11-ST58	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT58	210437	BLMO	210696	GILB 1	1	138	229	N-1-1 Thermal	Included
2025W1-N11-ST53	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT51	241968	AD1-140 TAP	253026	09GREENE	1	138	202/209	N-1-1 Thermal	Included
2025W1-GD-W371	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-N11-ST54	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT52	238703	02ESPRNG	240710	02MELISSA	2	138	202	N-1-1 Thermal	Included
2025W1-GD-LL12	238703	02ESPRNG	240710	02MELISSA	2	138	202	Generation Deliverability	Included
2025W1-GD-W169	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-LL124	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-LL125	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-N11-ST26	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST147	238908	02LONDON	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT22	238703	02ESPRNG	240710	02MELISSA	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST27	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST148	240637	02URECMITCHL	240706	02NATIONAL	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT25	239278	02BRDVIE	253085	09URBANA	1	138	202/209	N-1-1 Thermal	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-N11-ST149	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST28	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT26	239278	02BRDVIE	253085	09URBANA	1	138	202/209	N-1-1 Thermal	Included
2025W1-N11-ST29	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST150	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT27	238574	02BELPT+	239134	02TANGY	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST143	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST23	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included
2025W1-N11-ST144	243537	05MALIS	243553	05POLARS	1	138	205	N-1-1 Thermal	Included
2025W1-N11-WT19	238703	02ESPRNG	240710	02MELISSA	2	138	202	N-1-1 Thermal	Included
2025W1-N11-ST145	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST24	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included
2025W1-N11-WT20	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included
2025W1-N11-ST25	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST146	243537	05MALIS	243553	05POLARS	1	138	205	N-1-1 Thermal	Included
2025W1-N11-WT21	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included
2025W1-N11-ST151	238529	02AIRPK+	238623	02CLARK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST30	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT28	238574	02BELPT+	239134	02TANGY	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST152	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST31	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT29	238703	02ESPRNG	239278	02BRDVIE	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST32	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT30	238574	02BELPT+	239134	02TANGY	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST37	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST158	216950	ROSELAND	217997	LIVINGSTON	1	230	231	N-1-1 Thermal	Included
2025W1-N11-WT35	238703	02ESPRNG	240710	02MELISSA	2	138	202	N-1-1 Thermal	Included
2025W1-N11-ST38	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-N11-ST159	216950	ROSELAND	217997	LIVINGSTON	1	230	231	N-1-1 Thermal	Included
2025W1-N11-WT36	210695	GILB 2	211161	SIEG	2	138	229	N-1-1 Thermal	Included
2025W1-N11-ST39	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST160	216950	ROSELAND	216973	LAUREL_J	1	230	231	N-1-1 Thermal	Included
2025W1-N11-WT37	239278	02BRDVIE	253085	09URBANA	1	138	202/209	N-1-1 Thermal	Included
2025W1-N11-ST40	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included
2025W1-N11-ST161	216950	ROSELAND	216973	LAUREL_J	1	230	231	N-1-1 Thermal	Included
2025W1-N11-WT38	238623	02CLARK	241968	AD1-140 TAP	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST33	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST154	240637	02URECMITCHL	240706	02NATIONAL	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT31	238574	02BELPT+	239134	02TANGY	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST34	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST155	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT32	238703	02ESPRNG	239278	02BRDVIE	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST35	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST156	216950	ROSELAND	217997	LIVINGSTON	1	230	231	N-1-1 Thermal	Included
2025W1-N11-WT33	210695	GILB 2	211161	SIEG	2	138	229	N-1-1 Thermal	Included
2025W1-N11-ST36	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST157	216950	ROSELAND	217997	LIVINGSTON	1	230	231	N-1-1 Thermal	Included
2025W1-N11-WT34	239278	02BRDVIE	253085	09URBANA	1	138	202/209	N-1-1 Thermal	Included
2025W1-N11-ST153	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST41	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT39	238703	02ESPRNG	240710	02MELISSA	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST42	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT40	238623	02CLARK	241968	AD1-140 TAP	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST125	243458	05HYATT	290516	05CELTIC	1	345	205	N-1-1 Thermal	Included
2025W1-N11-ST126	243458	05HYATT	290516	05CELTIC	1	345	205	N-1-1 Thermal	Included
2025W1-N11-WT1	238703	02ESPRNG	240710	02MELISSA	2	138	202	N-1-1 Thermal	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-N11-ST127	290573	05INNOVATION	288789	05INNOVAT2EQ	2	345/1.0	205	N-1-1 Thermal	Included
2025W1-N11-WT2	238703	02ESPRNG	240710	02MELISSA	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL1NEW	313707	6FORK UNION	313373	6GRAPEVINE	1	230	345	Generation Deliverability	Included
2025W1-N11-ST128	290254	05INNOVATION	288789	05INNOVAT2EQ	2	138/1.0	205	N-1-1 Thermal	Included
2025W1-N11-WT3	238703	02ESPRNG	240710	02MELISSA	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST123	243485	05CLINTO	243576	05ST.CLX	1	138	205	N-1-1 Thermal	Included
2025W1-N11-ST124	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT8	238703	02ESPRNG	240710	02MELISSA	2	138	202	N-1-1 Thermal	Included
2025W1-N11-ST129	290573	05INNOVATION	290577	05INNOVAT1EQ	1	345/1.0	205	N-1-1 Thermal	Included
2025W1-N11-WT4	238703	02ESPRNG	240710	02MELISSA	2	138	202	N-1-1 Thermal	Included
2025W1-N11-ST130	290254	05INNOVATION	290577	05INNOVAT1EQ	1	138/1.0	205	N-1-1 Thermal	Included
2025W1-N11-WT5	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST131	240710	02MELISSA	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT6	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST132	290573	05INNOVATION	290577	05INNOVAT1EQ	1	345/1.0	205	N-1-1 Thermal	Included
2025W1-N11-WT7	238703	02ESPRNG	239278	02BRDVIE	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST136	240710	02MELISSA	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT11	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST137	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT12	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST138	290254	05INNOVATION	290577	05INNOVAT1EQ	1	138/1.0	205	N-1-1 Thermal	Included
2025W1-N11-WT13	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST139	290254	05INNOVATION	288789	05INNOVAT2EQ	2	138/1.0	205	N-1-1 Thermal	Included
2025W1-N11-WT14	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included
2025W1-N11-ST133	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST134	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT9	238703	02ESPRNG	239278	02BRDVIE	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST135	290573	05INNOVATION	288789	05INNOVAT2EQ	2	345/1.0	205	N-1-1 Thermal	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-N11-WT10	238703	02ESPRNG	240710	02MELISSA	2	138	202	N-1-1 Thermal	Included
2025W1-N11-ST140	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT15	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST141	240710	02MELISSA	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-WT16	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included
2025W1-N11-ST142	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST21	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included
2025W1-N11-WT17	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included
2025W1-N11-ST22	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included
2025W1-N11-WT18	241952	02DEERCREEK	243469	05BEATTY	1	138	202/205	N-1-1 Thermal	Included
2025W1-GD-S482	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-S209	238703	02ESPRNG	240710	02MELISSA	2	138	202	Generation Deliverability	Included
2025W1-GD-S208	243262	05COLLEGE C	250001	08COLINV	1	138	205/212	Generation Deliverability	Included
2025W1-GD-S207	243550	05OBETZ	243539	05MARION RD	1	138	205	Generation Deliverability	Included
2025W1-GD-S407	241952	02DEERCREEK	238908	02LONDON	1	138	202	Generation Deliverability	Included
2025W1-GD-S405	243548	05MOUND ST	243876	05ST.CXX	1	138	205	Generation Deliverability	Included
2025W1-GD-S206	243262	05COLLEGE C	250001	08COLINV	1	138	205/212	Generation Deliverability	Included
2025W1-GD-S406	243522	05HARRISON	243550	05OBETZ	1	138	205	Generation Deliverability	Included
2025W1-GD-S205	243522	05HARRISON	243550	05OBETZ	1	138	205	Generation Deliverability	Included
2025W1-GD-S481	208113	SUSQ	207972	TOMH	2	230	229	Generation Deliverability	Included
2025W1-GD-S132	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-S131	241952	02DEERCREEK	238908	02LONDON	1	138	202	Generation Deliverability	Included
2025W1-GD-S488	242775	05ROCKCAS SS	242720	05MONETA	1	138	205	Generation Deliverability	Included
2025W1-GD-S129	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-GD-S229	243550	05OBETZ	243539	05MARION RD	1	138	205	Generation Deliverability	Included
2025W1-GD-S130	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-GD-S40	314303	6HOPEWLL	314286	6CHESTF A	1	230	345	Generation Deliverability	Included
2025W1-GD-S133	238703	02ESPRNG	240710	02MELISSA	2	138	202	Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-GD-S483	208113	SUSQ	207972	TOMH	1	230	229	Generation Deliverability	Included
2025W1-GD-S2	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-S384	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-S219	314303	6HOPEWLL	314286	6CHESTF A	1	230	345	Generation Deliverability	Included
2025W1-GD-S128	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-S410	253085	09URBANA	239278	02BRDVIE	1	138	202/209	Generation Deliverability	Included
2025W1-GD-S446	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-S38	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S484	243548	05MOUND ST	243876	05ST.CXX	1	138	205	Generation Deliverability	Included
2025W1-GD-S127	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-S478	207973	FRAC	208072	SIEG	1	230	229	Generation Deliverability	Included
2025W1-GD-S32	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S201	253026	09GREENE	241968	AD1-140 TAP	1	138	202/209	Generation Deliverability	Included
2025W1-GD-S476	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S480	242802	05SMITHMTN	242775	05ROCKCAS SS	1	138	205	Generation Deliverability	Included
2025W1-GD-S34	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S200	253085	09URBANA	239278	02BRDVIE	1	138	202/209	Generation Deliverability	Included
2025W1-GD-S199	253085	09URBANA	239278	02BRDVIE	1	138	202/209	Generation Deliverability	Included
2025W1-GD-S474	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-S472	243262	05COLLEGE C	250001	08COLINV	1	138	205/212	Generation Deliverability	Included
2025W1-GD-LL9	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-N11-ST92	240710	02MELISSA	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL96	241952	02DEERCREEK	238908	02LONDON	1	138	202	Generation Deliverability	Included
2025W1-GD-LL32	200762	26GARRETT	235470	01GARRET	1	115	226/201	Generation Deliverability	Included
2025W1-GD-W222	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-N11-ST88	238908	02LONDON	240709	02N TITUS	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL33	314765	6MTEAGLE	314749	6CHARLVL	1	230	345	Generation Deliverability	Included
2025W1-GD-W67	238703	02ESPRNG	240710	02MELISSA	2	138	202	Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-N11-ST89	241968	AD1-140 TAP	253026	09GREENE	1	138	202/209	N-1-1 Thermal	Included
2025W1-GD-LL35	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-W68	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-N11-ST90	207972	TOMH	208113	SUSQ	1	230	229	N-1-1 Thermal	Included
2025W1-GD-LL8	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-N11-ST91	207972	TOMH	208113	SUSQ	1	230	229	N-1-1 Thermal	Included
2025W1-GD-W54	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-N11-ST84	238908	02LONDON	240709	02N TITUS	1	138	202	N-1-1 Thermal	Included
2025W1-GD-W55	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-N11-ST85	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL28	200762	26GARRETT	235470	01GARRET	1	115	226/201	Generation Deliverability	Included
2025W1-GD-W213	238703	02ESPRNG	240710	02MELISSA	2	138	202	Generation Deliverability	Included
2025W1-N11-ST86	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-GD-LL31	314303	6HOPEWLL	314286	6CHESTF A	1	230	345	Generation Deliverability	Included
2025W1-GD-W221	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-N11-ST87	241968	AD1-140 TAP	253026	09GREENE	1	138	202/209	N-1-1 Thermal	Included
2025W1-N11-ST83	238908	02LONDON	240709	02N TITUS	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST99	238908	02LONDON	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST100	240710	02MELISSA	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST101	240710	02MELISSA	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST102	243469	05BEATTY	247896	05BOLTON	1	138	205	N-1-1 Thermal	Included
2025W1-N11-ST95	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST96	238908	02LONDON	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST97	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST98	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST93	238574	02BELPT+	239134	02TANGY	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST94	243469	05BEATTY	246716	05PHILLIPI	1	138	205	N-1-1 Thermal	Included
2025W1-GD-S178	243548	05MOUND ST	243876	05ST.CXX	1	138	205	Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-GD-S18	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S462	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S398	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S180	208120	SU10	208113	SUSQ	2	230	229	Generation Deliverability	Included
2025W1-GD-S464	208120	SU10	208113	SUSQ	1	230	229	Generation Deliverability	Included
2025W1-GD-S181	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S19	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-S399	241952	02DEERCREEK	238908	02LONDON	1	138	202	Generation Deliverability	Included
2025W1-GD-S187	241980	AD2-163_POI	239278	02BRDVIE	1	138	202	Generation Deliverability	Included
2025W1-GD-S184	243262	05COLLEGE C	250001	08COLINV	1	138	205/212	Generation Deliverability	Included
2025W1-GD-S183	243522	05HARRISON	243550	05OBETZ	1	138	205	Generation Deliverability	Included
2025W1-GD-S465	241980	AD2-163_POI	239278	02BRDVIE	1	138	202	Generation Deliverability	Included
2025W1-GD-S22	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-S401	241980	AD2-163_POI	239278	02BRDVIE	1	138	202	Generation Deliverability	Included
2025W1-GD-S400	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S467	243548	05MOUND ST	243876	05ST.CXX	1	138	205	Generation Deliverability	Included
2025W1-GD-S468	243548	05MOUND ST	243876	05ST.CXX	1	138	205	Generation Deliverability	Included
2025W1-GD-S391	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S166	253085	09URBANA	239278	02BRDVIE	1	138	202/209	Generation Deliverability	Included
2025W1-GD-S456	253085	09URBANA	239278	02BRDVIE	1	138	202/209	Generation Deliverability	Included
2025W1-GD-S9	253085	09URBANA	239278	02BRDVIE	1	138	202/209	Generation Deliverability	Included
2025W1-GD-S167	243548	05MOUND ST	243876	05ST.CXX	1	138	205	Generation Deliverability	Included
2025W1-GD-S455	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S394	238703	02ESPRNG	240710	02MELISSA	2	138	202	Generation Deliverability	Included
2025W1-GD-S170	238703	02ESPRNG	240710	02MELISSA	2	138	202	Generation Deliverability	Included
2025W1-GD-S169	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S168	207915	GLBR	208120	SU10	1	230	229	Generation Deliverability	Included
2025W1-GD-S11	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-GD-S458	241952	02DEERCREEK	238908	02LONDON	1	138	202	Generation Deliverability	Included
2025W1-GD-S457	241952	02DEERCREEK	238908	02LONDON	1	138	202	Generation Deliverability	Included
2025W1-GD-S15	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-S172	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S14	207915	GLBR	208120	SU10	2	230	229	Generation Deliverability	Included
2025W1-GD-S13	207915	GLBR	208120	SU10	1	230	229	Generation Deliverability	Included
2025W1-GD-S461	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-S173	243548	05MOUND ST	243876	05ST.CXX	1	138	205	Generation Deliverability	Included
2025W1-GD-S156	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S154	253085	09URBANA	239278	02BRDVIE	1	138	202/209	Generation Deliverability	Included
2025W1-GD-S389	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-S151	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-S149	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S388	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S153	253085	09URBANA	239278	02BRDVIE	1	138	202/209	Generation Deliverability	Included
2025W1-GD-S453	253085	09URBANA	239278	02BRDVIE	1	138	202/209	Generation Deliverability	Included
2025W1-GD-S452	208113	SUSQ	207972	TOMH	2	230	229	Generation Deliverability	Included
2025W1-GD-S152	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-S8	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S165	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S390	253085	09URBANA	239278	02BRDVIE	1	138	202/209	Generation Deliverability	Included
2025W1-GD-S454	208113	SUSQ	207972	TOMH	1	230	229	Generation Deliverability	Included
2025W1-GD-S158	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S157	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S164	207915	GLBR	208120	SU10	2	230	229	Generation Deliverability	Included
2025W1-GD-S162	207915	GLBR	208120	SU10	2	230	229	Generation Deliverability	Included
2025W1-GD-S163	207915	GLBR	208120	SU10	2	230	229	Generation Deliverability	Included
2025W1-GD-S161	207915	GLBR	208120	SU10	1	230	229	Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-GD-S141	243469	05BEATTY	241952	02DEERCREEK	1	138	202/205	Generation Deliverability	Included
2025W1-GD-S448	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-GD-S4	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-GD-S3	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-S136	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-S135	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-S385	241952	02DEERCREEK	238908	02LONDON	1	138	202	Generation Deliverability	Included
2025W1-GD-S139	241952	02DEERCREEK	238908	02LONDON	1	138	202	Generation Deliverability	Included
2025W1-GD-S138	241952	02DEERCREEK	238908	02LONDON	1	138	202	Generation Deliverability	Included
2025W1-GD-S137	241952	02DEERCREEK	238908	02LONDON	1	138	202	Generation Deliverability	Included
2025W1-GD-S451	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S148	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-S147	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-S450	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S142	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-S449	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S146	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-GD-S387	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-GD-S5	238703	02ESPRNG	240710	02MELISSA	2	138	202	Generation Deliverability	Included
2025W1-GD-S145	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-N11-ST103	241968	AD1-140 TAP	253026	09GREENE	1	138	202/209	N-1-1 Thermal	Included
2025W1-N11-ST104	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST105	238574	02BELPT+	239134	02TANGY	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST106	241968	AD1-140 TAP	253026	09GREENE	1	138	202/209	N-1-1 Thermal	Included
2025W1-N11-ST111	207972	TOMH	208113	SUSQ	2	230	229	N-1-1 Thermal	Included
2025W1-N11-ST112	207972	TOMH	208113	SUSQ	2	230	229	N-1-1 Thermal	Included
2025W1-N11-ST107	240710	02MELISSA	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST108	238908	02LONDON	240709	02N TITUS	1	138	202	N-1-1 Thermal	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-N11-ST109	243469	05BEATTY	247896	05BOLTON	1	138	205	N-1-1 Thermal	Included
2025W1-N11-ST110	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST114	243469	05BEATTY	246716	05PHILLIPI	1	138	205	N-1-1 Thermal	Included
2025W1-N11-ST115	207972	TOMH	208113	SUSQ	1	230	229	N-1-1 Thermal	Included
2025W1-N11-ST116	238908	02LONDON	241952	02DEERCREEK	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST117	207972	TOMH	208113	SUSQ	1	230	229	N-1-1 Thermal	Included
2025W1-N11-ST113	240710	02MELISSA	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST122	243485	05CLINTO	243576	05ST.CLX	1	138	205	N-1-1 Thermal	Included
2025W1-N11-ST118	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST119	240637	02URECMITCHL	240706	02NATIONAL	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST120	239278	02BRDVIE	241980	AD2-163_POI	1	138	202	N-1-1 Thermal	Included
2025W1-N11-ST121	238908	02LONDON	241987	AE2-217_POI	1	138	202	N-1-1 Thermal	Included
2025W1-GD-S36	242687	05JOHNMT	242734	05NEWLDN	1	138	205	Generation Deliverability	Excluded
2025W1-GD-S203	249576	08WODSDL	249574	08TDHNTR	2	345	212	Generation Deliverability	Excluded
2025W1-GD-S204	249576	08WODSDL	249574	08TDHNTR	1	345	212	Generation Deliverability	Excluded
2025W1-GD-S477	239030	02OTTAWA	238874	02LAKVEW	1	138	202	Generation Deliverability	Excluded
2025W1-GD-S202	242688	05JOSHUA	247670	05JOSHUA_XFL	1	138	205	Generation Deliverability	Excluded
2025W1-GD-S193	232239	SHARPTWN	232249	LAUREL	1	69	235	Generation Deliverability	Excluded
2025W1-GD-S189	249567	08M.FORT	250057	08M.FORT	10	345/138	212	Generation Deliverability	Excluded
2025W1-GD-S175	242687	05JOHNMT	242734	05NEWLDN	1	138	205	Generation Deliverability	Excluded
2025W1-GD-S223	213490	CHICHST2	213496	CHIREACT_53	1	230	230	Generation Deliverability	Excluded
2025W1-GD-S227	232239	SHARPTWN	232249	LAUREL	1	69	235	Generation Deliverability	Excluded
2025W1-GD-S39	231000	CLAY_230	214235	LINWOOD84	1	230	230/235	Generation Deliverability	Excluded
2025W1-GD-S224	213496	CHIREACT_53	213972	TRAINER	1	230	230	Generation Deliverability	Excluded
2025W1-GD-S225	213490	CHICHST2	213496	CHIREACT_53	1	230	230	Generation Deliverability	Excluded
2025W1-GD-S411	213496	CHIREACT_53	213972	TRAINER	1	230	230	Generation Deliverability	Excluded
2025W1-GD-S412	213490	CHICHST2	213496	CHIREACT_53	1	230	230	Generation Deliverability	Excluded
2025W1-GD-S222	213496	CHIREACT_53	213972	TRAINER	1	230	230	Generation Deliverability	Excluded

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-GD-S221	213496	CHIREACT_53	213972	TRAINER	1	230	230	Generation Deliverability	Excluded
2025W1-GD-S220	213490	CHICHST2	213496	CHIREACT_53	1	230	230	Generation Deliverability	Excluded
2025W1-GD-S124	241968	AD1-140 TAP	238623	02CLARK	1	138	202	Generation Deliverability	Included
2025W1-GD-S1	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-S123	241952	02DEERCREEK	238908	02LONDON	1	138	202	Generation Deliverability	Included
2025W1-GD-S469	243458	05HYATT	290516	05CELTIC	1	345	205	Generation Deliverability	Included
2025W1-GD-S190	243522	05HARRISON	243550	05OBETZ	1	138	205	Generation Deliverability	Included
2025W1-GD-S470	243232	05SORENS	243211	05ALLEN	1	345	205	Generation Deliverability	Included
2025W1-GD-S24	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S191	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S23	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S196	243548	05MOUND ST	243876	05ST.CXX	1	138	205	Generation Deliverability	Included
2025W1-GD-S28	253005	09BATH	253085	09URBANA	1	138	209	Generation Deliverability	Included
2025W1-GD-S194	243548	05MOUND ST	243876	05ST.CXX	1	138	205	Generation Deliverability	Included
2025W1-GD-LL102	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-GD-LL103	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-GD-LL104	238703	02ESPRNG	240710	02MELISSA	2	138	202	Generation Deliverability	Included
2025W1-GD-LL105	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-LL10	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included
2025W1-GD-LL106	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-LL107	239278	02BRDVIE	238703	02ESPRNG	1	138	202	Generation Deliverability	Included
2025W1-GD-LL108	314287	6CHESTF B	314276	6BASIN	1	230	345	Generation Deliverability	Included
2025W1-GD-LL109	238703	02ESPRNG	240710	02MELISSA	1	138	202	Generation Deliverability	Included

New Flowgates

CONFIDENTIAL INFORMATION

Financial Information

Capital spend start date	01/2026
Construction start date	06/2028
Project Duration (In Months)	53

Cost Containment Commitment

Cost cap (in current year)	CONFIDENTIAL INFORMATION
Cost cap (in-service year)	CONFIDENTIAL INFORMATION

Components covered by cost containment

1. South Bird 345/138kV Substation - Proposer
2. Greene - South Bird 345kV Transmission Line - Proposer
3. South Bird - Melissa #1 138kV Transmission Line - Proposer
4. South Bird - Melissa #2 138kV Transmission Line - 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	No
Escalation	No

Additional Information	CONFIDENTIAL 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 INFORMATION
Additional cost containment measures not covered above	CONFIDENTIAL INFORMATION

Additional Comments

None