

Circleville Solar, LLC
Case No. 22-0117-EL-BTX

Exhibit B Interconnection Studies

***Generation Interconnection
Feasibility Study Report***

For

***PJM Generation Interconnection Request
Queue Position AC2-029***

Circleville 138 kV

July 2017

Preface

The intent of the feasibility study is to determine a plan, with ballpark cost and construction time estimates, to connect the subject generation to the PJM network at a location specified by the Interconnection Customer. The Interconnection Customer may request the interconnection of generation as a capacity resource or as an energy-only resource. As a requirement for interconnection, the Interconnection Customer may be responsible for the cost of constructing: (1) Direct Connections, which are new facilities and/or facilities upgrades needed to connect the generator to the PJM network, and (2) Network Upgrades, which are facility additions, or upgrades to existing facilities, that are needed to maintain the reliability of the PJM system.

In some instances a generator interconnection may not be responsible for 100% of the identified network upgrade cost because other transmission network uses, e.g. another generation interconnection, may also contribute to the need for the same network reinforcement. The possibility of sharing the reinforcement costs with other projects may be identified in the feasibility study, but the actual allocation will be deferred until the impact study is performed.

The Feasibility Study estimates do not include the feasibility, cost, or time required to obtain property rights and permits for construction of the required facilities. The project developer is responsible for the right of way, real estate, and construction permit issues. For properties currently owned by Transmission Owners, the costs may be included in the study.

General

Boulevard Associates, LLC proposes to install PJM Project #AC2-029, a 70.0 MW (26.6 MW Capacity) solar generating facility in Pickaway County, Ohio (see Figure 2). The point of interconnection will be a direct connection to AEP's Circleville 138 kV substation (see Figure 1).

The requested in service date is December 31, 2018.

Attachment Facilities

Point of Interconnection (Circleville 138 kV Substation)

To accommodate the interconnection at the Circleville 138 kV substation, the installation of a new 138kV circuit breaker will be required (see Figure 1). Installation of associated protection and control equipment, 138 kV line risers, SCADA, and 138 kV revenue metering will also be required.

Station Work:

- Install one (1) 138 kV circuit breaker at the Circleville 138kV substation (see Figure 1). Installation of associated protection and control equipment, 138 kV line risers, SCADA, and 138 kV revenue metering will also be required.
- **Estimated Station Cost: \$1,000,000**

Non-Direct Connection Cost Estimate

The total preliminary cost estimate for Non-Direct Connection work is given in the following tables below:

For AEP building Direct Connection cost estimates:

Description	Estimated Cost
138 kV Revenue Metering	\$250,000
Upgrade line protection and controls at the Circleville 138 kV substation.	\$250,000
Total	\$500,000

Table 1

It is understood that Boulevard Associates is responsible for all costs associated with this interconnection. The costs above are reimbursable to AEP. The cost of the Boulevard Associates generating plant and the costs for the line connecting the generating plant to the Circleville 138 kV substation are not included in this report; these are assumed to be the responsibility of Boulevard Associates.

The Generation Interconnection Agreement does not in or by itself establish a requirement for American Electric Power to provide power for consumption at the developer's facilities. A separate agreement may be reached with the local utility that provides service in the area to ensure that infrastructure is in place to meet this demand and proper metering equipment is installed. It is the responsibility of the developer to contact the local service provider to determine if a local service agreement is required.

Interconnection Customer Requirements

Requirement from the PJM Open Access Transmission Tariff:

1. An Interconnection Customer entering the New Services Queue on or after October 1, 2012 with a proposed new Customer Facility that has a Maximum Facility Output equal to or greater than 100 MW shall install and maintain, at its expense, phasor measurement units (PMUs). See Section 8.5.3 of Appendix 2 to the Interconnection Service Agreement as well as section 4.3 of PJM Manual 14D for additional information.
2. The Interconnection Customer may be required to install and/or pay for metering as necessary to properly track real time output of the facility as well as installing metering which shall be used for billing purposes. See Section 8 of Appendix 2 to the Interconnection Service Agreement as well as Section 4 of PJM Manual 14D for additional information.

Revenue Metering and SCADA Requirements

PJM Requirements

The Interconnection Customer will be required to install equipment necessary to provide Revenue Metering (KWH, KVARH) and real time data (KW, KVAR) for IC's generating Resource. See PJM Manuals M-01 and M-14D, and PJM Tariff Sections 24.1 and 24.2.

AEP Requirements

The Interconnection Customer will be required to comply with all AEP Revenue Metering Requirements for Generation Interconnection Customers. The Revenue Metering Requirements may be found within the "Requirements for Connection of New Facilities or Changes to Existing Facilities Connected to the AEP Transmission System" document located at the following link:

<http://www.pjm.com/~media/planning/plan-standards/private-aep/aep-interconnection-requirements.ashx>

Network Impacts

The Queue Project AC2-029 was evaluated as a 70.0 MW (Capacity 26.6 MW) injection at the Circleville 138 kV substation in the AEP area. Project AC2-029 was evaluated for compliance with applicable reliability planning criteria (PJM, NERC, NERC Regional Reliability Councils, and Transmission Owners). Project AC2-029 was studied with a commercial probability of 53%. Potential network impacts were as follows:

Base Case Used

Summer Peak Analysis – 2020 Case

Contingency Descriptions

The following contingencies resulted in overloads:

Option 1	
Contingency Name	Description
6783	CONTINGENCY '6783' OPEN BRANCH FROM BUS 243453 TO BUS 243454 CKT 1 / 243453 05BEATTY 345 243454 05BIXBY 345 1 OPEN BRANCH FROM BUS 246888 TO BUS 243454 CKT 1 / 246888 05BIERSR 345 243454 05BIXBY 345 1 END
5808_B2_TOR1983B_MOAB	CONTINGENCY '5808_B2_TOR1983B_MOAB' OPEN BRANCH FROM BUS 243522 TO BUS 243593 CKT 1 / 243522 05HARRIS 138 243593 05ZUBER 138 1 END
8094_C2_05BIXBY 345-303C	CONTINGENCY '8094_C2_05BIXBY 345-303C' OPEN BRANCH FROM BUS 243453 TO BUS 243454 CKT 1 / 243453 05BEATTY 345 243454 05BIXBY 345 1 OPEN BRANCH FROM BUS 246888 TO BUS 243454 CKT 1 / 246888 05BIERSR 345 243454 05BIXBY 345 1 END

Table 2

Generator Deliverability

(Single or N-1 contingencies for the Capacity portion only of the interconnection)

None

Multiple Facility Contingency

(Double Circuit Tower Line, Fault with a Stuck Breaker, and Bus Fault contingencies for the full energy output)

AC2-029 Multiple Facility Contingency												
#	Type	Contingency Name	Affected Area	Facility Description	Bus From	Bus To	Loading		Rating Type	Rating MVA	MW Con.	FG App.
1	LFFB	8094_C2_05BIXBY 345-303C	AEP - AEP	05HARRIS-05OBETZ 138 kV line	243522	243550	88.71	96.6	ER	179	14.12	1
2	DCTL	6783	AEP - AEP	05HARRIS-05OBETZ 138 kV line	243522	243550	88.71	96.6	ER	179	14.12	

Table 3

Contribution to Previously Identified Overloads

(This project contributes to the following contingency overloads, i.e. "Network Impacts", identified for earlier generation or transmission interconnection projects in the PJM Queue)

Note: Please see Appendices for projects providing impacts to flowgate violations. The values in the Reference column correspond to the proper table in the Appendix.

None

Steady-State Voltage Requirements

None

Short Circuit

(Summary of impacted circuit breakers)

New circuit breakers found to be over-duty:

None

Delivery of Energy Portion of Interconnection Request

PJM also studied the delivery of the energy portion of this interconnection request. Any problems identified below are likely to result in operational restrictions to the project under study. The developer can proceed with network upgrades to eliminate the operational restriction at their discretion by submitting a Merchant Transmission Interconnection request.

Note: Only the most severely overloaded conditions are listed below. There is no guarantee of full delivery of energy for this project by fixing only the conditions listed in this section. With a Transmission Interconnection Request, a subsequent analysis will be performed which shall study all overload conditions associated with the overloaded element(s) identified.

AC2-029 Delivery of Energy Portion of Interconnection Request												
#	Type	Contingency Name	Affected Area	Facility Description	Bus From	Bus To	Loading		Rating Type	MVA	MW Con.	FG App.
1	N-1	5808_B2_TOR1983B_MOAB	AEP - AEP	05HARRIS-05OBETZ 138 kV line	243522	243550	67.1	80.7	ER	179	24.36	

Table 4

New System Reinforcements

Violation #	Overloaded Facility	Upgrade Description	Schedule	Estimated Cost
#1	05HARRIS-05OBETZ 138 kV line	Upgrade the Harrison bus work from circuit breaker switches to wavetrap. The AC2 Queue overloads this facility and AC2-029 contributes to this overload.	An approximate construction time would be 12 months after signing an interconnection agreement.	\$200,000
Total New Network Upgrades				\$200,000

Table 5

Schedule

It is anticipated that the time between receipt of executed agreements and Commercial Operation may range from 12 to 18 months if no line work is required. If line work is required, construction time would be between 24 to 36 months after signing an interconnection agreement.

Note: The time provided between anticipated normal completion of System Impact, Facilities Studies, subsequent execution of ISA and ICSA documents, and the proposed In-Service Date is shorter than usual and may be difficult to achieve.

Conclusion

Based upon the results of this Feasibility Study, the construction of the 70.0 MW (26.6 MW Capacity) solar generating facility of Boulevard Associates (PJM Project #AC2-029) will require the following additional interconnection charges. This plan of service will interconnect the proposed solar generating facility in a manner that will provide operational reliability and flexibility to both the AEP system and the Boulevard Associates generating facility.

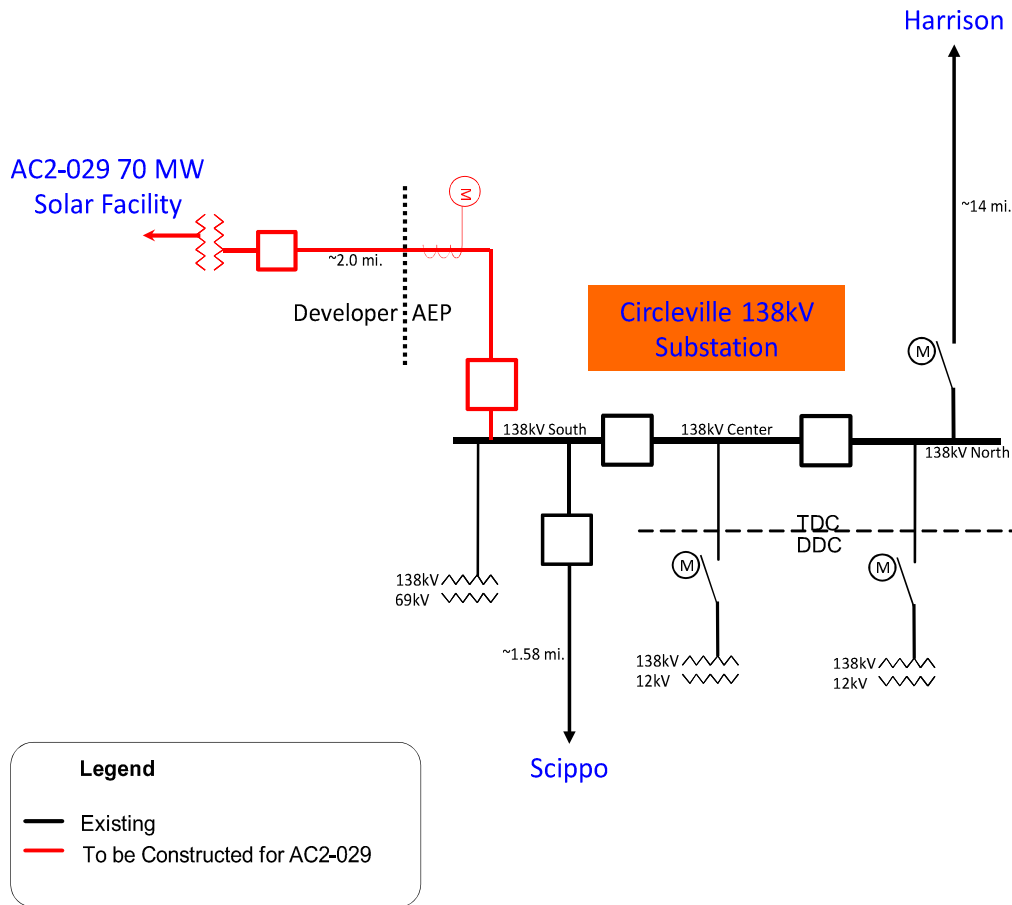
Cost Breakdown for Point of Interconnection (Circleville 138 kV Substation)		
Attachment Cost	Install one 138 kV Circuit Breaker at the Circleville 138 kV Substation	\$1,000,000
Non-Direct Connection Cost Estimate	138 kV Revenue Metering	\$250,000
	Upgrade line protection and controls at the Circleville 138 kV substation.	\$250,000
	Upgrade the Harrison bus work from circuit breaker switches to wavetrap.	\$200,000
Total Estimated Cost for Project AC2-029		\$1,700,000

Table 6

The estimates are preliminary in nature, as they were determined without the benefit of detailed engineering studies. Final estimates will require an on-site review and coordination to determine final construction requirements.

Figure 1: Point of Interconnection (Circleville 138 kV Substation)
Single-Line Diagram

AC2-029 Point of Interconnection



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Appendices

The following appendices contain additional information about each flowgate presented in the body of the report. For each appendix, a description of the flowgate and its contingency was included for convenience. However, the intent of the appendix section is to provide more information on which projects/generators have contributions to the flowgate in question. Although this information is not used "as is" for cost allocation purposes, it can be used to gage other generators impact.

It should be noted the generator contributions presented in the appendices sections are full contributions, whereas in the body of the report, those contributions take into consideration the commercial probability of each project.

Appendix 1

(AEP - AEP) The 05HARRIS-05OBETZ 138 kV line (from bus 243522 to bus 243550 ckt 1) loads from 88.71% to 96.6% (**DC power flow**) of its emergency rating (179 MVA) for the line fault with failed breaker contingency outage of '8094_C2_05BIXBY 345-303C'. This project contributes approximately 14.12 MW to the thermal violation.

CONTINGENCY '8094_C2_05BIXBY 345-303C'

OPEN BRANCH FROM BUS 243453 TO BUS 243454 CKT 1 / 243453

05BEATTY 345 243454 05BIXBY 345 1

OPEN BRANCH FROM BUS 246888 TO BUS 243454 CKT 1 / 246888 05BIERSR

345 243454 05BIXBY 345 1

END

<i>Bus Number</i>	<i>Bus Name</i>	<i>Full Contribution</i>
931201	AC2-029 C	5.37
931202	AC2-029 E	8.76
931411	AC2-059 C	8.86
931412	AC2-059 E	9.14
931811	AC2-106 C OP	5.59
931812	AC2-106 E OP	2.58
924351	AB2-083 C OP	2.83
924352	AB2-083 E OP	1.33
925341	AC1-001 C	5.65
925342	AC1-001 E	2.66
927161	AC1-210 C OP	8.9
927162	AC1-210 E OP	4.02

***Generation Interconnection
Impact Study Report***

For

***PJM Generation Interconnection Request
Queue Position AC2-029***

Circleville 138 kV

June 2018

Preface

The intent of the System Impact Study is to determine a plan, with approximate cost and construction time estimates, to connect the subject generation interconnection project to the PJM network at a location specified by the Interconnection Customer. As a requirement for interconnection, the Interconnection Customer may be responsible for the cost of constructing: (1) Direct Connections, which are new facilities and/or facilities upgrades needed to connect the generator to the PJM network, and (2) Network Upgrades, which are facility additions, or upgrades to existing facilities, that are needed to maintain the reliability of the PJM system. All facilities required for interconnection of a generation interconnection project must be designed to meet the technical specifications (on PJM web site) for the appropriate transmission owner.

In some instances a generator interconnection may not be responsible for 100% of the identified network upgrade cost because other transmission network uses, e.g. another generation interconnection or merchant transmission upgrade, may also contribute to the need for the same network reinforcement.

The System Impact Study estimates do not include the, cost, or time required to obtain property rights and permits for construction of the required facilities. The project developer is responsible for the right of way, real estate, and construction permit issues. For properties currently owned by Transmission Owners, the costs may be included in the study.

General

Boulevard Associates, LLC proposes to install PJM Project #AC2-029, a 70.0 MW (26.6 MW Capacity) solar generating facility in Pickaway County, Ohio (see Figure 2). The point of interconnection will be a direct connection to AEP's Circleville 138 kV substation (see Figure 1).

The requested in service date is December 31, 2018.

Attachment Facilities

Point of Interconnection (Circleville 138 kV Substation)

To accommodate the interconnection at the Circleville 138 kV substation, the installation of a new 138kV circuit breaker will be required (see Figure 1). Installation of associated protection and control equipment, 138 kV line risers, SCADA, and 138 kV revenue metering will also be required.

Station Work:

- Install one (1) 138 kV circuit breaker at the Circleville 138kV substation (see Figure 1). Installation of associated protection and control equipment, 138 kV line risers, SCADA, and 138 kV revenue metering will also be required.

- **Estimated Station Cost: \$1,500,000**

Non-Direct Connection Cost Estimate

The total preliminary cost estimate for Non-Direct Connection work is given in the following tables below:

For AEP building Direct Connection cost estimates:

Description	Estimated Cost
138 kV Revenue Metering	\$250,000
Upgrade line protection and controls at the Circleville 138 kV substation.	\$250,000
Total	\$500,000

Table 1

Interconnection Customer Requirements

It is understood that Boulevard Associates is responsible for all costs associated with this interconnection. The costs above are reimbursable to AEP. The cost of the Boulevard Associates generating plant and the costs for the line connecting the generating plant to the Circleville 138 kV substation are not included in this report; these are assumed to be the responsibility of Boulevard Associates.

The Generation Interconnection Agreement does not in or by itself establish a requirement for American Electric Power to provide power for consumption at the developer's facilities. A separate agreement may be reached with the local utility that provides service in the area to ensure that infrastructure is in place to meet this demand and proper metering equipment is installed. It is the responsibility of the developer to contact the local service provider to determine if a local service agreement is required.

Requirement from the PJM Open Access Transmission Tariff:

1. An Interconnection Customer entering the New Services Queue on or after October 1, 2012 with a proposed new Customer Facility that has a Maximum Facility Output equal to or greater than 100 MW shall install and maintain, at its expense, phasor measurement units (PMUs). See Section 8.5.3 of Appendix 2 to the Interconnection Service Agreement as well as section 4.3 of PJM Manual 14D for additional information.
2. The Interconnection Customer may be required to install and/or pay for metering as necessary to properly track real time output of the facility as well as installing metering which shall be used for billing purposes. See Section 8 of Appendix 2 to the Interconnection Service Agreement as well as Section 4 of PJM Manual 14D for additional information.

Revenue Metering and SCADA Requirements

PJM Requirements

The Interconnection Customer will be required to install equipment necessary to provide Revenue Metering (KWH, KVARH) and real time data (KW, KVAR) for IC's generating Resource. See PJM Manuals M-01 and M-14D, and PJM Tariff Sections 24.1 and 24.2.

AEP Requirements

The Interconnection Customer will be required to comply with all AEP Revenue Metering Requirements for Generation Interconnection Customers. The Revenue Metering Requirements may be found within the "Requirements for Connection of New Facilities or Changes to Existing Facilities Connected to the AEP Transmission System" document located at the following link:

<http://www.pjm.com/~media/planning/plan-standards/private-aep/aep-interconnection-requirements.ashx>

Network Impacts

The Queue Project AC2-029 was evaluated as a 70.0 MW (Capacity 26.6 MW) injection at the Circleville 138 kV substation in the AEP area. Project AC2-029 was evaluated for compliance with applicable reliability planning criteria (PJM, NERC, NERC Regional Reliability Councils, and Transmission Owners). Project AC2-029 was studied with a commercial probability of 100%. Potential network impacts were as follows:

Base Case Used

Summer Peak Analysis – 2020 Case

Contingency Descriptions

The following contingencies resulted in overloads:

Option 1	
Contingency Name	Description
6783	CONTINGENCY '6783' OPEN BRANCH FROM BUS 243453 TO BUS 243454 CKT 1 / 243453 05BEATTY 345 243454 05BIXBY 345 1 OPEN BRANCH FROM BUS 246888 TO BUS 243454 CKT 1 / 246888 05BIERSR 345 243454 05BIXBY 345 1 END
'6763_B2_TOR5200548'	CONTINGENCY '6763_B2_TOR5200548' OPEN BRANCH FROM BUS 246888 TO BUS 243454 CKT 1 / 246888 05BIERSR 345 243454 05BIXBY 345 1 END
8094_C2_05BIXBY 345-303C	CONTINGENCY '8094_C2_05BIXBY 345-303C' OPEN BRANCH FROM BUS 243453 TO BUS 243454 CKT 1 / 243453 05BEATTY 345 243454 05BIXBY 345 1 OPEN BRANCH FROM BUS 246888 TO BUS 243454 CKT 1 / 246888 05BIERSR 345 243454 05BIXBY 345 1 END

Table 2

Generator Deliverability

(Single or N-1 contingencies for the Capacity portion only of the interconnection)

None

Multiple Facility Contingency

(Double Circuit Tower Line, Fault with a Stuck Breaker, and Bus Fault contingencies for the full energy output)

AC2-029 Multiple Facility Contingency												
#	Type	Contingency Name	Affected Area	Facility Description	Bus		Loading		Rating	MW	FG	
					From	To	Initial	Final	Type	MVA	Con.	App.
1	LFFB	8094_C2_05BIXBY 345-303C	AEP - AEP	05HARRIS-05OBETZ 138 kV line	243522	243550	90.94	98.94	ER	179	14.12	1
2	DCTL	6783	AEP - AEP	05HARRIS-05OBETZ 138 kV line	243522	243550	90.94	98.94	ER	179	14.12	

Table 3

Contribution to Previously Identified Overloads

(This project contributes to the following contingency overloads, i.e. "Network Impacts", identified for earlier generation or transmission interconnection projects in the PJM Queue)

Note: Please see Appendices for projects providing impacts to flowgate violations. The values in the Reference column correspond to the proper table in the Appendix.

None

Steady-State Voltage Requirements

(Results of the steady-state voltage studies should be inserted here)

None

Short Circuit

(Summary of impacted circuit breakers)

None

Stability and Reactive Power Requirement

(Results of the dynamic studies should be inserted here)

No mitigations found to be required

Affected System Analysis & Mitigation

LGEE Impacts:

None

MISO Impacts:

MISO Impacts to be determined during later study phases (as applicable).

Duke, Progress & TVA Impacts:

None

OVEC Impacts:

None

Delivery of Energy Portion of Interconnection Request

PJM also studied the delivery of the energy portion of this interconnection request. Any problems identified below are likely to result in operational restrictions to the project under study. The developer can proceed with network upgrades to eliminate the operational restriction at their discretion by submitting a Merchant Transmission Interconnection request.

Note: Only the most severely overloaded conditions are listed below. There is no guarantee of full delivery of energy for this project by fixing only the conditions listed in this section. With a Transmission Interconnection Request, a subsequent analysis will be performed which shall study all overload conditions associated with the overloaded element(s) identified.

AC2-029 Delivery of Energy Portion of Interconnection Request												
#	Type	Contingency Name	Affected Area	Facility Description	Bus From	Bus To	Loading		Rating Type	MVA	MW Con.	FG App.
1	N-1	'6763_B2_TOR5200548'	AEP - AEP	05HARRIS-05OBETZ 138 kV line	243522	243550	83.25	91.2	ER	179	13.99	

Table 4

New System Reinforcements

(Upgrades required to mitigate reliability criteria violations, i.e. Network Impacts, initially caused by the addition of this project generation)

Violation #	Overloaded Facility	Upgrade Description	Schedule	Estimated Cost
#1	05HARRIS-05OBETZ 138 kV line	Upgrade the Harrison bus work from circuit breaker switches to wavetrap. The AC2 Queue overloads this facility and AC2-029 contributes to this overload.	An approximate construction time would be 12 months after signing an interconnection agreement.	\$200,000
Total New Network Upgrades				\$200,000

Table 5

Contribution to Previously Identified System Reinforcements

(Overloads initially caused by prior Queue positions with additional contribution to overloading by this project. This project may have a % allocation cost responsibility which will be calculated and reported for the Impact Study)

(Summary form of Cost allocation for transmission lines and transformers will be inserted here if any)

1. To relieve the Harrison – Obetz 138 kV line overloads:

The flow at the end of the AC2 queue is 196 MVA. The overload is driven in the AC2 Queue. Upgrade the Harrison bus work from circuit breaker switches to wavetrap. Cost estimate is \$200K. Time estimate is 12 months. PJM Network Upgrade N5526.

The cost allocation is as follows:

Queue	MW contribution	Percentage of Cost	\$ cost (\$200 K)
AC2-029	14.1	43.93%	\$87,850
AC2-059	18.0	56.07%	\$112,150

Schedule

It is anticipated that the time between receipt of executed agreements and Commercial Operation may range from 12 to 18 months if no line work is required. If line work is required, construction time would be between 24 to 36 months after signing an interconnection agreement.

Note: The time provided between anticipated normal completion of System Impact, Facilities Studies, subsequent execution of ISA and ICSA documents, and the proposed Backfeed Date is shorter than usual and may be difficult to achieve.

Conclusion

Based upon the results of this Impact study, the construction of the 70.0 MW (26.6 MW Capacity) solar generating facility of Boulevard Associates (PJM Project #AC2-029) will require the following additional interconnection charges. This plan of service will interconnect the proposed solar generating facility in a manner that will provide operational reliability and flexibility to both the AEP system and the Boulevard Associates generating facility.

Cost Breakdown for Point of Interconnection (Circleville 138 kV Substation)			
Network Upgrade Type	Network Upgrade Number	Description	Estimated Cost
Non-Direct Connection Network Upgrade	n5705	Install one 138 kV Circuit Breaker at the Circleville 138 kV Substation	\$1,500,000
	n5706	138 kV Revenue Metering	\$250,000
	n5707	Upgrade line protection and controls at the	\$250,000

		Circleville 138 kV substation.	
	n5526	Upgrade the Harrison bus work from circuit breaker switches to wavetrap.	\$200,000
		Total	\$2,200,000

Table 6

The estimates are preliminary in nature, as they were determined without the benefit of detailed engineering studies. Final estimates will require an on-site review and coordination to determine final construction requirements.

Figure 1: Point of Interconnection (Circleville 138 kV Substation)
Single-Line Diagram

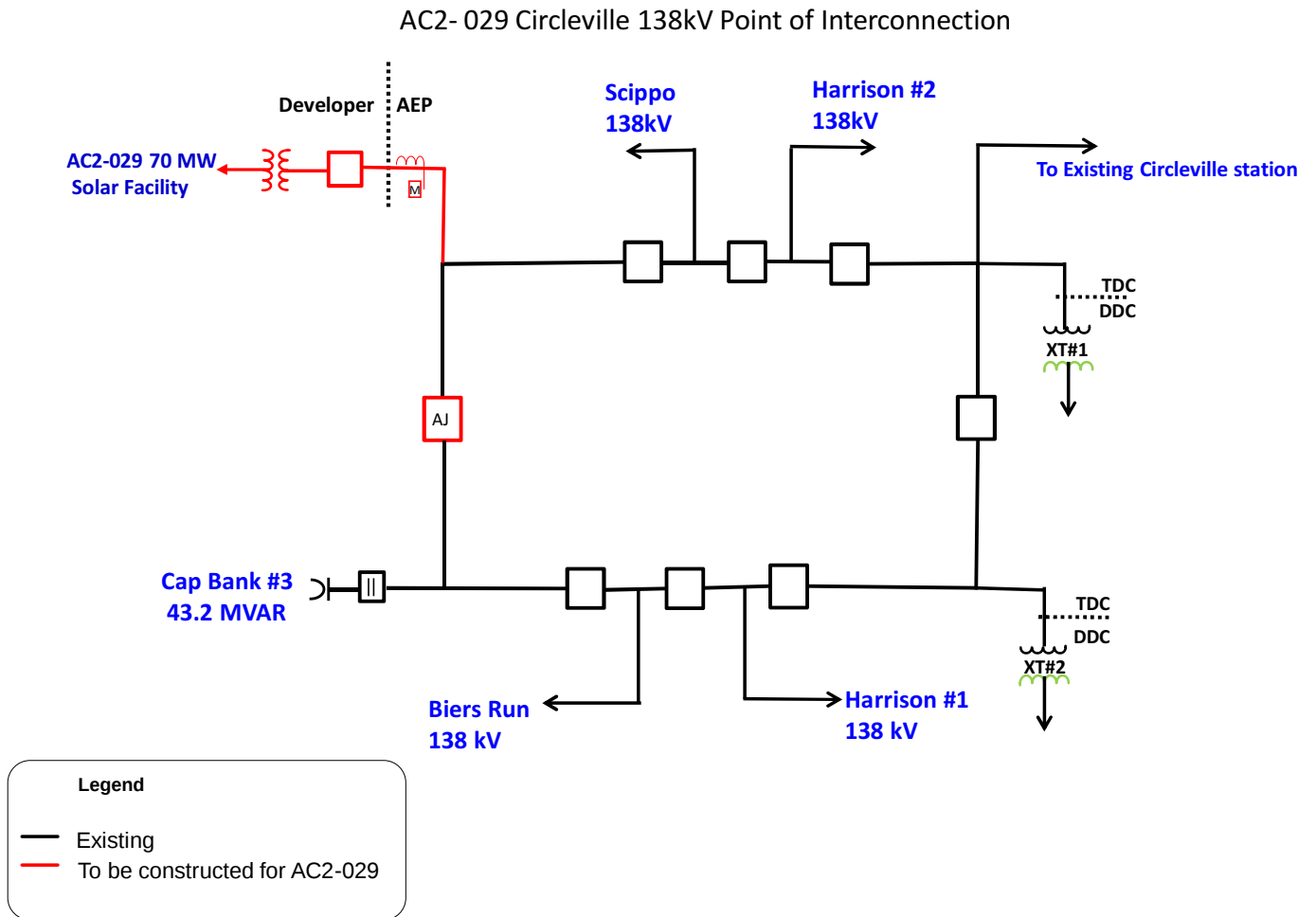
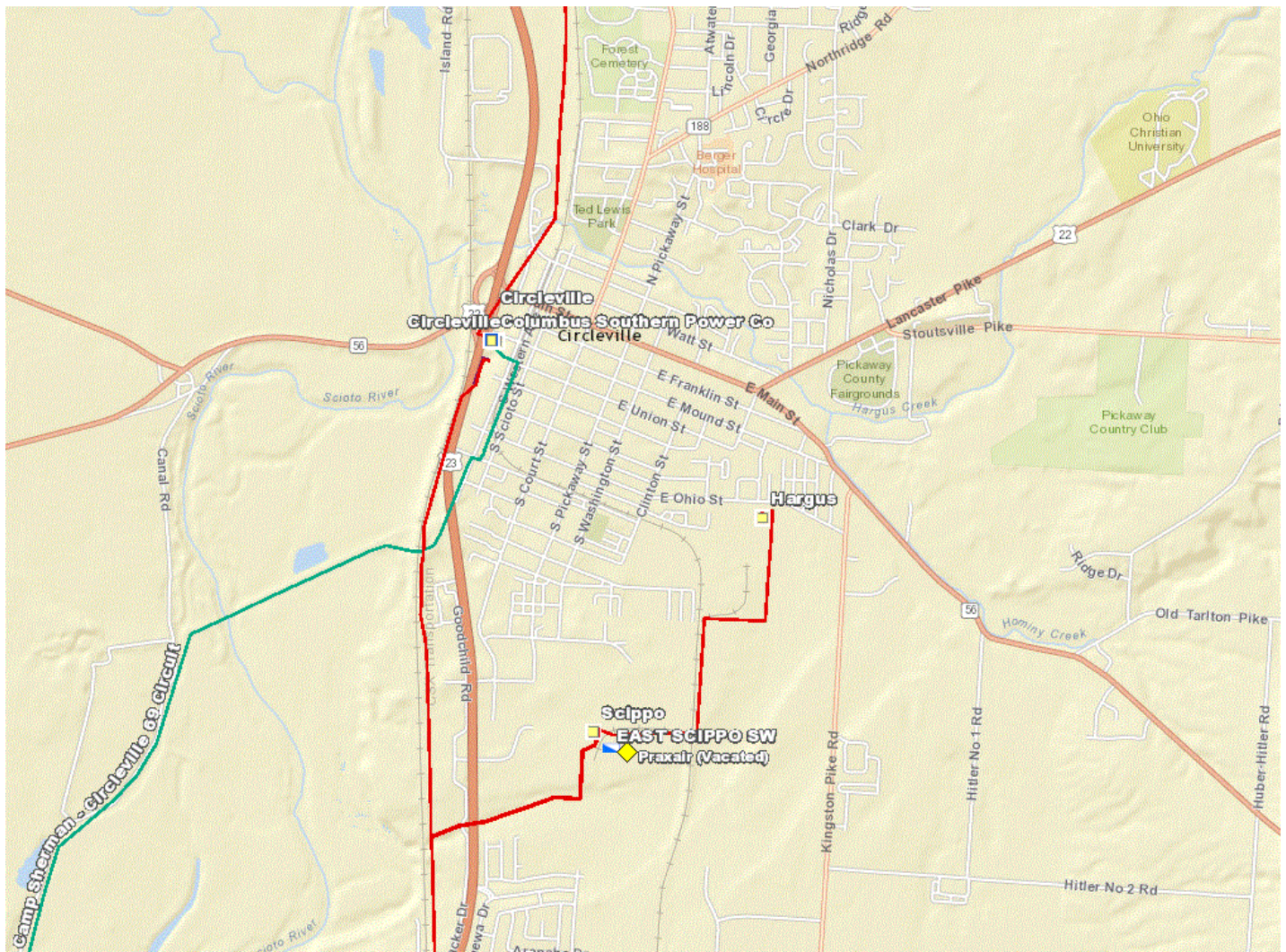


Figure 2: Point of Interconnection (Circleville 138 kV Substation)



Appendix 1

(AEP - AEP) The 05HARRIS-05OBETZ 138 kV line (from bus 243522 to bus 243550 ckt 1) loads from 90.94% to 98.94% (AC power flow) of its emergency rating (179 MVA) for the line fault with failed breaker contingency outage of '8094_C2_05BIXBY 345-303C'. This project contributes approximately 14.12 MW to the thermal violation.

CONTINGENCY '8094_C2_05BIXBY 345-303C'

OPEN BRANCH FROM BUS 243453 TO BUS 243454 CKT 1 / 243453
05BEATTY 345 243454 05BIXBY 345 1

OPEN BRANCH FROM BUS 246888 TO BUS 243454 CKT 1 / 246888 05BIERSR
345 243454 05BIXBY 345 1

END

<i>Bus Number</i>	<i>Bus Name</i>	<i>Full Contribution</i>
932201	AC2-029 C	5.37
932202	AC2-029 E	8.76
932411	AC2-059 C O1	8.86
932412	AC2-059 E O1	9.14
924351	AB2-083 C OP	2.83
924352	AB2-083 E OP	1.33
926001	AC1-001 C OP	5.65
926002	AC1-001 E OP	2.66
928211	AC1-210 C OP	8.9
928212	AC1-210 E OP	4.02

**This foregoing document was electronically filed with the Public Utilities
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Summary: Application Exhibit B - Interconnection Studies electronically filed by
Teresa Orahood on behalf of Dylan F. Borchers