APPENDIX 1 INTERCONNECTION REQUEST FOR ELECTIVE TRANSMISSION UPGRADE

The undersigned Interconnection Customer submits this request to interconnect its Elective Transmission Upgrade ("ETU") to the Administered Transmission System under Schedule 25 – Elective Transmission Upgrade Interconnection Procedures ("ETU IP") of Section II to the ISO New England Inc. Transmission, Markets and Services Tariff (the "Tariff"). Capitalized terms have the meanings specified in the Tariff.

PROJECT INFORMATION

Proposed Project Name: _____

- 1. Description of the ETU objective (select <u>one</u> of a, b, c, d, or e):
- 1. ____Addition of a specific technology:
 - 1. Type of new facility *(check all applicable)*:

DC	AC	controllable	non-controllable	Other (Explain):

- 2. Address(es) or Location(s) of the ETU (including Town/City, County & State or a map detailing such information):
- 3. Location(s) of the proposed Point(s) of Interconnection and associated terminals:

- 4. Transmission transfer capability, including:
 - 1. Energy transfer capability and direction(s) of flow
 - 2. Capacity transfer capability and direction(s) of flow
 - 3. Other:

- 5. Indicate whether the study should consider:
 - 1. Both directions of flow
 - 2. One direction of flow only
 - 3. Explain:
- 2. ____ Modification to existing PTF, MTF or OTF that is part of or interconnected to the Administered Transmission System. Explain.

- 3. ____Specific performance objective associated with specific Generating Facility(ies)/resources:
 - 1. Identify Generating Facility(ies)/resources, including Queue Positions:

ii) Identify the specific performance goals/objectives of the ETU (e.g., energy integration):

4. ____Increase in transfer capability between points, including:

- 1. Transfer points (from/to)
- 2. Energy transfer capability increase and direction(s) of flow
- 3. Capacity transfer capability increase and direction(s) of flow
- 4. Other

5. ____Other specific and clearly described discrete objective:

- 6. Projected Dates:
- 1. Commercial Operation:
- 2. Trial Operation:
- 3. In-Service: _____
- 4. This request is for (check either Internal ETU or External ETU options):
- 1) _____An <u>Internal ETU</u> (check one of i <u>or</u> ii):
 - 1. _____The interconnection of proposed new (*check one*):

- 1. ____PTF;
- 2. ___OTF or MTF.
- 2. <u>A modification to, an increase in the transmission capability of, or other</u> specific proposed objective associated with *(check one)*:
 - 1. ____existing internal PTF;
 - 2. _____existing internal MTF or OTF that is interconnected to the Administered Transmission System.
- 2) _____An <u>External ETU</u> (check i or ii or iii and specify the other Control Area interconnecting to______)
 - 1. _____The interconnection of proposed new (check one):
 - 1. ___PTF;
 - 2. ____ OTF or MTF.
 - 2. <u>A modification to, an increase in the transmission capability of, or other</u> specific proposed objective associated with (*check one*):
 - 1. ____existing external PTF
 - 2. ____existing external MTF or OTF.
 - 3. ____A change from NI Interconnection Service to CNI Interconnection Service for a controllable MTF or OTF (no physical change to facilities).
- 1. For External controllable OTF or MTF in the importing direction, applicant requests (*check one*):
- 1. ____NI Interconnection Service (i.e., energy only): _____ MW

- 2. ____CNI Interconnection Service (i.e., capacity and energy): _____MW
 - 1.
 If CNI Interconnection Service, does the Interconnection Customer request

 Long Lead Facility treatment? ____Yes or ____No

If yes, provide to ISO-NE, together with this Interconnection Request, the Long Lead Facility deposit and other required information as specified in Section 3.2.3 of the ETU IP, including a justification for Long Lead Facility treatment.

- 3. Evidence of Site Control (check one):
 - a. ____If for CNI Interconnection Service, Site Control is included with this Interconnection Request form, as required.
 - b. _____If for NI Interconnection Service (check one):
 - 1. ____Site Control is provided with this Interconnection Request form.
 - 2. ____In lieu of evidence of Site Control, a \$10,000 deposit is provided with this Interconnection Request form (refundable within the cure period as described in Section 3.3.3 of the ETU IP).
 - 3. ____Site Control is not provided because the proposed modification is either:
 a) to existing MTF, OTF or PTF and by checking this option, the Interconnection Customer certifies that the proposed modification does not require additional real property, or b) to PTF and the Interconnection Customer does not own such PTF.
- 4. This Interconnection Customer requests (check one):
- 4) _____An Interconnection Feasibility Study to be completed as a separate and distinct study, or
- 5) ____An Interconnection System Impact Study with the Feasibility Study to be performed as the first step of the study.

6) If seeking CNI Interconnection Service, does the Interconnection Customer request a preliminary non-binding, analysis to identify potential upgrades that may be necessary to qualify resources for participation in a Forward Capacity Auction? _____Yes or _____No

Note: The above selection of a or b is not required as part of the initial Interconnection Request; however, the Interconnection Customer shall select either option and may revise this selection up to within five (5) Business Days following the Scoping Meeting.

- 5. The ETU technical data specified within the applicable attachment to this form (check one):
- 1) Is included with the submittal of this Interconnection Request.
- 2) Will be provided on or before the execution and return of the Feasibility Study Agreement (Attachment B) or the System Impact Study Agreement (Attachment A), as applicable.

CUSTOMER INFORMATION

	Interconnection Customer	Customer Representative
Company Name:		
Address: (PO Box)		
(Street)		
(City, State, ZIP)		
Phone:		
FAX:		
Email:		

ISO Customer ID# (if available):

i his interconnection Request is submitted by	Thi	S	Interconnection	Request	t is	submitted	by:
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Authorized Signature: Date:

Name (type or print):

Title:			
Company:			
· · —	 		

In order for an Interconnection Request to be considered a valid request, it must:

- (a) Be accompanied by a deposit of \$50,000.00 that is provided electronically and which may be refundable in accordance with Section 3.3.1 of the ETU IP;
- (b) For CNI Interconnection Service, include documentation demonstrating Site Control. If for NI Interconnection Service, demonstrate Site Control or post an additional deposit of \$10,000. If the Interconnection Customer with an Interconnection Request for NI Interconnection Service demonstrates Site Control within the cure period specified in Section 3.3.3 of the ETU IP, the additional deposit of \$10,000 shall be refundable (An Interconnection Customer does not need to demonstrate Site Control for an Interconnection Request for a modification to its existing PTF, MTF or OTF facility where the Interconnection Customer has certified that it has Site Control and that the proposed modification does not require additional real property);
- (c) Include a detailed map, such as a map of the quality produced by the U.S. Geological Survey, which clearly indicates the site of the new facility and pertinent surrounding structures;
- (d) Include a one-line diagram of the facilities (2 copies);
- (e) Include all information required on the Interconnection Request form and any attachments thereto; and
- (f) Include the deposit and all information required for Long Lead Facility treatment, if such treatment is requested in accordance with Section 3.2.3 of the ETU IP.

In addition, within sixty (60) days of submitting an Interconnection Request to the System Operator, the Interconnection Customer with a request for an External ETU, shall provide evidence that it has submitted a valid request with the other Control Area to which it seeks to interconnect.

All Interconnection Requests must be sent to the System Operator via the Interconnection Request Tracking Tool or IRTT, a web-based application for submitting, tracking and viewing Interconnection Requests available on the ISO New England website.

ISO New England Inc. Use

Date Elective Transmission Upgrade Request Received: _____

Received By:		
	Deficient	Date Cured:
Date Deemed Valid	Application:	_
Deemed Valid By:		

Attachment A (page 1) To Appendix 1 Interconnection Request Technical Data Required For Interconnection System Impact Study

The technical data required below must be submitted no later than the date of execution of the System Impact Study Agreement pursuant to Section 7.2 of the ETU IP. Submit additional data sheets as necessary.

ELECTIVE TRANSMISSION UPGRADES:

GEOGRAPHIC MAP

Geographic map which clearly illustrates the location of the proposed Elective Transmission Upgrade facilities and which includes the location of the proposed Point(s) of Interconnection and a specific transmission line or transmission cable route if applicable.

ONE LINE DIAGRAM

Detailed one-line diagram of the proposed Elective Transmission Upgrades facilities showing the connectivity between all new proposed equipment (i.e., circuit breakers, instrument transformers, surge arresters, transformers, shunt-connected capacitor banks, shunt-connected reactors, dynamic reactive power supply systems, transmission lines, etc.) and the proposed bus configuration at the Point(s) of Interconnection. Equipment grounding configuration should be depicted on the one-line (i.e., for transformers show winding and grounding arrangement)

PROPOSED POINT(S) OF INTERCONNECTION

(include additional points as necessary)

Point of Interconnection A:

Voltage Level: kV

Point of Interconnection B:

Attachment A (page 2) To Appendix 1 Interconnection Request Technical Data Required For Interconnection System Impact Study

Voltage Level:Kv				
Point of Interconnection C:				
Voltage Level:kV				
AC TRANSMISSION LINE DATA				
(include data for segments between the POI and converter station(s) as necessary)				
Transmission line length:Miles				
AC transmission tower design illustrating tower type, conductor type, number of conductors per bundle, spacing of conductors within bundle, phase spacing between conductors or conductor bundles, and conductor or conductor bundle clearances.				
Voltage level:kV				
Transmission line MVA base: MVA				
Positive sequence impedances on transmission line MVA base:				
R: p.u. X: p.u. B: p.u.				
Zero sequence impedances on transmission line MVA base):				
R: p.u. X: p.u. B: p.u.				
Line Rating:				
Normal/LTE/STE Rating MVA / MVA / MVA				

Attachment A (page 3) To Appendix 1 Interconnection Request Technical Data Required For Interconnection System Impact Study

TRANSFORMER DATA					
(include data for converter station power transformer(s) as necessary)					
Transformer Rating:					
OA/FA/FOA Rating MVA / MVA / MVA					
Voltage Ratio: High-side/Low-side/TertiarykV /kV /kV					
Winding Connections (Delta, Wye, or Wye-Grounded):					
High-side Winding / Low-side Winding / Tertiary Winding / /					
Fixed or Variable Taps:					
Tap Range:					
Two-Winding Transformer Impedances:					
Positive Sequence Impedance on transformer OA MVA base:% X/R					
Zero Sequence Impedance on transformer OA MVA base:% X/R					
Three-Winding Transformer Impedances:					
Positive Sequence Impedance on transformer OA MVA base					
Z1 _{H-L} (on self-cooled MVA rating)%, X/R					
Z1 _{H-T} (on self-cooled MVA rating)%, X/R					
Z1 _{L-T} (on self-cooled MVA rating)%, X/R					

Attachment A (page 4) To Appendix 1 Interconnection Request Technical Data Required For Interconnection System Impact Study

Zero Sequence Impedance on transformer OA MVA base				
Z0 _{H-L} (on self-cooled MVA rating)%, X/R				
Z0 _{H-T} (on self-cooled MVA rating)%, X/R				
Z0 _{L-T} (on self-cooled MVA rating)%, X/R				
FIXED OR SWITCHED SHUNT CAPACITOR BANK DATA				
Capacitor Bank Rating: MVAr				
Positive sequence susceptance on capacitor bank rating base: B: p.u.				
Zero sequence susceptance on capacitor bank rating base: B: p.u.				
FIXED OR SWITCHED SHUNT REACTOR DATA				
Nameplate Reactor Rating: MVAr				
Positive sequence susceptance on reactor rating base: B: p.u.				
Zero sequence susceptance on reactor rating base: B: p.u.				
DYNAMIC SHUNT REACTIVE SUPPLY SYSTEM				
Device Type (i.e., SVC, STATCOM, etc.):				
Reactive power supply reference point:				

Attachment A (page 5) To Appendix 1 Interconnection Request Technical Data Required For Interconnection System Impact Study

Maximum lagging reactive power supply capability: MVAr				
DC TRANSMISSION SYSTEMS (LINE-COMMUTATED CONVERTER TECHNOLOGY)				
Nameplate power transmission capacity: MW MVA				
Minimum power transmission capacity:MW				
Maximum power transmission ramp rate:MW/min				
Point-to-point or back-to-back transmission:				
Monopolar or bipolar transmission configuration:				
Unidirectional or bidirectional power transmission:				
(identify rectifier station for detail to be submitted below):				
Rated DC voltage: kV				
Rated DC current: A				
Power controlling converter station and real power reference location:				
Converter station losses (including auxiliary power demand) at nameplate power:				
Rectifier: kW Inverter: kW				
Transmission line or cable losses at nameplate power:kW				
Nominal rectifier firing angle (alpha): deg				

Nominal inverter extinction angle (gamma): deg
Attachment A (page 6
To Appendix
Interconnection Reques
Technical Data Required Fo
Interconnection System Impact Study
Converter station total reactive power supply (including filtering system) at nameplate active power:
Rectifier: MVAr Inverter: MVAr
Number of switched filter or reactive power supply devices:
Rectifier: Inverter:
Size of largest switched filter or reactive power supply device:
Rectifier:MVAr Inverter:MVAr
DC transmission tower design illustrating tower type, conductor type, number of conductors, spacing
between pole conductors or conductor bundles, and conductor or conductor bundle clearances.
DC cable design illustrating cable type, cable spacing, and underground or submarine installation design.
Pole conductor resistance at maximum operating temperature: ohms
DMNR conductor resistance at maximum operating temperature : ohms
DC TRANSMISSION SYSTEMS (VOLTAGE SOURCE CONVERTER TECHNOLOGY)
Nameplate power transmission capacity: MW MVA
Point-to-point or back-to-back transmission:

Attachment A (page 7) To Appendix 1 Interconnection Request Technical Data Required For Interconnection System Impact Study

Transmission configuration (i.e., mono-pole, bi-pole or other):				
Unidirectional or bidirectional power transmission:				
(identify rectifier station for detail to be submitted below):				
Maximum power transmission ramp rate: MW/min				
Rated DC voltage: kV				
Rated DC current: A				
Real power controlling converter and reference location:				
Converter station losses (including auxiliary power demand) at nameplate power: kW				
Transmission line or cable losses at nameplate power:kW				
Passive filter size:				
Rectifier: Fixed:MVAr Switched at de-block:MVAr				
Inverter: Fixed:MVAr Switched at de-block:MVAr				
Maximum converter station leading reactive power supply (including filtering system) at the network				
side of the power transformer and at nameplate active power:				
Rectifier:MVAr Inverter:MVAr				

Attachment A (page 8) To Appendix 1 Interconnection Request Technical Data Required For Interconnection System Impact Study

Maximum converter station lagging reactive power supply (including filtering system) at the network side of the power transformer and at nameplate active power:

Rectifier:_____MVAr Inverter: _____MVar

Provide reactive capability curve.

DC transmission tower design illustrating tower type, conductor type, number of conductors, spacing between pole conductors or conductor bundles, and conductor or conductor bundle clearances.

DC cable design illustrating cable type, cable spacing, and underground or submarine installation design.

Pole conductor resistance at maximum operating temperature: ______ ohms

POWER SYSTEM SIMULATION MODELS

Completed, fully-functioning, public (*i.e.*, non-proprietary or non-confidential) Siemens PTI's ("PSS/E") power flow models or other compatible formats, such as IEEE and General Electric Company Power Systems Load Flows ("PSLF") data sheet, must be supplied with this Attachment A. If additional public data sheets are more appropriate to the proposed device, then they shall be provided and discussed at the Scoping Meeting. For all Interconnection Studies commencing after January 1, 2017, all power flow models must be standard library models in PSS/E or applicable applications. After January 1, 2017, user-models will not be accepted.

If a PSCAD model is deemed required at the Scoping Meeting, then the PSCAD model must be provided to the System Operator within ninety (90) Calendar Days of the executed Interconnection System Impact Study Agreement. A benchmarking analysis, consistent with the requirements in the ISO New England Planning Procedures, confirming acceptable performance of the PSS/E model in comparison to the PSCAD model, shall be provided at the time PSCAD model is submitted.

OTHER TRANSMISSION FACILITY DATA

System Operator and Interconnecting Transmission Owner reserve the right to request additional technical information from Interconnection Customer as may reasonably become necessary consistent with Good Utility Practice during the course of the Interconnection Facilities Study.

Applicant Signature

I hereby certify that, to the best of my knowledge, all the information provided in this Attachment A to the Interconnection Request is true and accurate.

For Interconnection Customer:	Date:

Attachment A-1 To Attachment A of Appendix 1 Cluster System Impact Study

Application Form

CLUSTER SYSTEM IMPACT STUDY APPLICATION FORM

The undersigned Interconnection Customer submits this form to request the inclusion of the Interconnection Request for its Elective Transmission Upgrade in a Cluster Interconnection System Impact Study pursuant to Section 4.2.3.2.2 of this ETU IP.

To be included in a Cluster Interconnection System Impact Study, the following must be submitted together with this form to the System Operator by the Cluster Entry Deadline:

- 1. Project Information:
 - 1.3 Project Name:_____
 - 1.4 Queue Position:_____
 - 1.5 Is the Interconnection Request contractually associated with an Interconnection Request for a Generating Facility? Yes _____ No ____
 If yes, identify Queue Position of the associated Interconnection Request and provide evidence of the contractual commitment. Queue Position No.: _____
- 2. Initial Cluster Participation Deposit as specified in Section 4.2.3.2.2

Applicant Signature

I hereby certify that, to the best of my knowledge, all the information provided in this form is true and accurate.

For Interconnection Customer: _____ Date: _____

Attachment B (page 1) To Appendix 1 Interconnection Request Technical Data Required For Interconnection Feasibility Study

The technical data required below must be submitted no later than the date of execution of the Feasibility Study Agreement pursuant to Section 6.1 of the ETU IP. Submit additional data sheets as necessary.

ELECTIVE TRANSMISSION UPGRADES:

GEOGRAPHIC MAP

Geographic map which clearly illustrates the location of the proposed Elective Transmission Upgrade facilities and which includes the location of the proposed Point(s) of Interconnection and a conceptual transmission line or transmission cable route if applicable.

ONE LINE DIAGRAM

Conceptual one-line diagram of the proposed Elective Transmission Upgrades facilities showing the connectivity between all new proposed equipment (i.e., circuit breakers, transformers, shunt-connected capacitor banks, shunt-connected reactors, dynamic reactive power supply systems, transmission lines, etc.) and the proposed bus configuration at the Point(s) of Interconnection.

PROPOSED POINT(S) OF INTERCONNECTION

(include additional points as necessary)

Point of Interconnection A:

Voltage Level: _____kV

Point of Interconnection B:

Voltage Level: kV

Attachment B (page 2) To Appendix 1 Interconnection Request Technical Data Required For Interconnection Feasibility Study

Point of Interconnection C:			
Voltage Level:kV			
AC TRANSMISSION LINE DATA			
(include data for segments between the POI and converter station(s) as necessary)			
Estimated transmission line length:Miles			
Conceptual AC transmission tower design illustrating tower type, conductor type, number of conductors per bundle, spacing of conductors within bundle, phase spacing between conductors or conductor bundle spacing, and conductor or conductor bundle clearances.			
Voltage level:kV			
Transmission line MVA base: MVA			
Estimated positive sequence impedances on transmission line MVA base:			
R: p.u. X: p.u. B: p.u.			
Estimated zero sequence impedances on transmission line MVA base):			
R: p.u. X: p.u. B: p.u.			
Line Rating:			
Normal/LTE/STE Rating MVA / MVA / MVA			

Attachment B (page 3) To Appendix 1 Interconnection Request Technical Data Required For Interconnection Feasibility Study

TRANSFORMER DATA				
(include data for converter station power transformer(s) as necessary)				
Estimated Transformer Rating:				
OA/FA/FOA Rating MVA / MVA / MVA				
Voltage Ratio: High-side/Low-side/TertiarykV /kV /kV				
Winding Connections (Delta, Wye, or Wye-Grounded):				
High-side Winding / Low-side Winding / Tertiary Winding / /				
Fixed or Variable Taps:				
Estimated Tap Range:				
Estimated Two-Winding Transformer Impedances:				
Positive Sequence Impedance on transformer OA MVA base:% X/R				
Zero Sequence Impedance on transformer OA MVA base:% X/R				
Estimated Three-Winding Transformer Impedances:				
Positive Sequence Impedance on transformer OA MVA base				
Z1 _{H-L} (on self-cooled MVA rating)%, X/R				
Z1 _{H-T} (on self-cooled MVA rating)%, X/R				
Z1 _{L-T} (on self-cooled MVA rating)%, X/R				

Attachment B (page 4) To Appendix 1 Interconnection Request Technical Data Required For Interconnection Feasibility Study

Zero Sequence Impedance on transformer OA MVA base			
Z0 _{H-L} (on self-cooled MVA rating)%, X/R			
Z0 _{H-T} (on self-cooled MVA rating)%, X/R			
Z0 _{L-T} (on self-cooled MVA rating)%, X/R			
FIXED OR SWITCHED SHUNT CAPACITOR BANK DATA			
Capacitor Bank Rating: MVAr			
Estimated positive sequence susceptance on capacitor bank rating base: B: p.u.			
Estimated zero sequence susceptance on capacitor bank rating base: B: p.u.			
FIXED OR SWITCHED SHUNT REACTOR DATA			
Nameplate Reactor Rating: MVAr			
Estimated positive sequence susceptance on reactor rating base: B:p.u.			
Estimated zero sequence susceptance on reactor rating base: B:p.u.			
DYNAMIC SHUNT REACTIVE SUPPLY SYSTEM			
Device Type (i.e., SVC, STATCOM, etc.):			
Reactive power supply reference point:			

Attachment B (page 5) To Appendix 1 Interconnection Request Technical Data Required For Interconnection Feasibility Study

Maximum lagging reactive power supply capability: MVAr				
DC TRANSMISSION SYSTEMS (LINE-COMMUTATED CONVERTER TECHNOLOGY)				
Nameplate power transmission capacity: MW MVA				
Minimum power transmission capacity:MW				
Maximum power transmission ramp rate:MW/min				
Point-to-point or back-to-back transmission:				
Monopolar or bipolar transmission configuration:				
Unidirectional or bidirectional power transmission:				
(identify rectifier station for detail to be submitted below):				
Rated DC voltage: kV				
Rated DC current: A				
Power controlling converter station and real power reference location:				
Estimated converter station losses (including auxiliary power demand) at nameplate power:				
Rectifier: kW				
Inverter: kW				
Estimated transmission line or cable losses at nameplate power:kW				
Nominal rectifier firing angle (alpha): deg				

Attachment B (page 6) To Appendix 1 Interconnection Request Technical Data Required For Interconnection Feasibility Study

Nominal inverter extinction angle (gamma): deg				
Estimated converter station total reactive power supply (including filtering system) at nameplate active				
power:				
Rectifier: MVAr Inverter: MVAr				
Estimated number of switched filter or reactive power supply devices:				
Rectifier: Inverter:				
Estimated size of largest switched filter or reactive power supply device:				
Rectifier: MVAr Inverter: MVAr				
Conceptual DC transmission tower design illustrating tower type, conductor type, number of				
conductors, spacing between pole conductors or conductor bundles, and conductor or conductor				
bundle clearances.				
Conceptual DC cable design illustrating cable type, cable spacing, and underground or submarine				
installation design.				
Estimated pole conductor resistance at maximum operating temperature: ohms				
Estimated DMNR conductor resistance at maximum operating temperature : ohms				
DC TRANSMISSION SYSTEMS (VOLTAGE SOURCE CONVERTER TECHNOLOGY)				
Nameplate power transmission capacity: MW MVA				
Point-to-point or back-to-back transmission:				

Attachment B (page 7) To Appendix 1 Interconnection Request Technical Data Required For Interconnection Feasibility Study

Transmission configuration (i.e., mono-pole, bi-pole or other):				
Unidirectional or bidirectional power transmission:				
(identify rectifier station for detail to be submitted below):				
Maximum power transmission ramp rate:MW/min				
Rated DC voltage: kV				
Rated DC current: A				
Real power controlling converter and reference location:				
Estimated converter station losses (including auxiliary power demand) at nameplate power:				
Estimated transmission line or cable losses at nameplate power:kW				
Estimated passive filter size:				
Rectifier: Fixed:MVAr Switched at de-block:MVAr				
Inverter: Fixed:MVAr Switched at de-block:MVAr				
Estimated maximum converter station leading reactive power supply (including filtering system) at the network side of the power transformer and at nameplate active power:				
Rectifier:MVAr Inverter:MVAr				

Attachment B (page 8) To Appendix 1 Interconnection Request Technical Data Required For Interconnection Feasibility Study

Estimated maximum converter station lagging reactive power supply (including filtering system) at the network side of the power transformer and at nameplate active power:

Rectifier: MVAr Inverter: MVAr

Provide reactive capability curve.

Conceptual DC transmission tower design illustrating tower type, conductor type, number of conductors, spacing between pole conductors or conductor bundles, and conductor or conductor bundle clearances.

Conceptual DC cable design illustrating cable type, cable spacing, and underground or submarine installation design.

Estimated pole conductor resistance at maximum operating temperature: ______ ohms

POWER SYSTEM SIMULATION MODELS

Completed, fully-functioning, public (*i.e.*, non-proprietary or non-confidential) Siemens PTI's PSS/E power flow models or other compatible formats, such as IEEE and General Electric Company Power Systems Load Flows ("PSLF") data sheet, must be supplied with this Attachment A. If additional public data sheets are more appropriate to the proposed device, then they shall be provided and discussed at the Scoping Meeting. For all Interconnection Studies commencing after January 1, 2017, all power flow models must be standard library models in PSS/E or applicable applications. After January 1, 2017, user-models will not be accepted.

OTHER TRANSMISSION FACILITY DATA

System Operator and Interconnecting Transmission Owner reserve the right to request additional technical information from Interconnection Customer as may reasonably become necessary consistent with Good Utility Practice during the course of the Interconnection System Impact Study.

Applicant Signature

I hereby certify that, to the best of my knowledge, all the information provided in this Attachment B to the Interconnection Request is true and accurate.

For Interconnection Customer:	:	Date: