

STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION

Exhibit C - Expedited/Standard Process Interconnection Application

Instructions

(please do not submit this page)

General Information

Prior to submitting an Interconnection Application through either the Expedited or Standard Process, all Interconnecting Customers with Facilities that are 250 kW or greater must request and receive a Pre-Application Report from the Company (Exhibit B). If the Pre-Application Report is not received within the applicable Time Frame, the Interconnecting Customer can file its application. The Pre-Application Report is optional for those Facilities that are less than 250 kW. Complete information regarding the Pre-Application Report is found in Section 3.2 of the Standards for Interconnection of Distributed Generation Tariff ("Interconnection Tariff") which is located on the Company's website.

If you wish to submit an application to interconnect your generating facility using the Expedited or Standard Process following receipt of the Pre-Application Report as applicable, please fill out all pages of the attached application form (not including this page of instructions). Once complete, please sign, attach the supporting documentation requested and enclose an application fee of \$4.50/kW (minimum of \$300 and maximum of \$7,500).

Contact Information: You must provide as a minimum the contact information of the legal applicant, i.e. Interconnecting Customer. If another party is responsible for interfacing with the Company (utility), you must provide their contact information as well.

Ownership Information: Please enter the legal names of the owner or owners of the generating facility. Include the percentage ownership (if any) by any electric service company or public utility holding company, or by any entity owned by either. "Electric service company" is intended to mean and include any entity that is not eligible for net metering services under the net metering statutes, regulations, Department orders, and distribution company tariffs.

Confidentiality Statement: In an ongoing effort to improve the interconnection process for Interconnecting Customer-owned generating facilities, the information you provide and the results of the application process will be aggregated with the information of other applicants, i.e. Interconnecting Customers, and periodically reviewed by a DG Working Group of industry participants that has been organized by the Massachusetts Department of Public Utilities (DPU). The aggregation process mixes the data together so that specific details for one Interconnecting Customer are not revealed. In addition, for projects that qualify for a Group Study, the Company is authorized to share the Interconnecting Customer's contact information and project details with other Interconnecting Customers also involved in the Group Study. For projects that do not qualify for a Group Study, you may choose to allow the non-identifying information specific to your application to be shared with the Working Group by answering "Yes" to the Confidentiality Statement question on the first page. Please note that even in this case your identification information (contact data) and specific generating facility location will not be shared.

Generating Facility Information

Application Number: _____ (required for revisions not submitted via online application portal)

STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION

Account and Meter Numbers: Please consult an actual electric bill from the Company and enter the correct Account Number and Meter Number on this application. If the facility is to be installed in a new location, a temporary number may be assigned by the Electric Company.

AC Rating: The AC power output rating of the individual inverter.

System Design Capacity: The system total of the inverter AC Ratings. If there are multiple inverters installed in the system, this is the sum of the AC Ratings of all inverters

DC-STC rating (kW): The DC-STC of all of the inverters of the Facility, regardless of the number of DC PV panels that are installed.

UL 1741 Listed? The standard UL 1741, "Inverters, Converters, and Controllers for Use in Independent Power Systems," addresses the electrical interconnection design of various forms of generating equipment. Many manufacturers choose to submit their equipment to a Nationally Recognized Testing Laboratory (NRTL) that verifies compliance with UL 1741. This "listing" is then marked on the equipment and supporting documentation.

DEP Air Quality Permit Needed? A generating facility may be considered a point source of emissions of concern by the Massachusetts Department of Environmental Protection (DEP). Therefore, when submitting this application, please indicate whether your generating facility will require an Air Quality Permit. You must answer these questions, however, your specific answers will not affect whether your application is deemed complete. Please contact the DEP to determine whether the generating technology planned for your facility qualifies for a DEP waiver or requires a permit.

Generating Facility Expedited/Standard Process Interconnection Application

Contact Information: Date Prepared: _____

Legal Name and address of Interconnecting Customer

Interconnecting Customer (print): Nexamp, LLC Contact Person: Elizabeth Bruns

Mailing Address: 101 Summer Street, 2nd Floor

City: Boston State: MA Zip Code: 02110

Telephone (Daytime): _____ (Evening): _____

Facsimile Number: _____ E-Mail Address: interconnections@nexamp.com

Customer name (if Customer is not Interconnecting Customer) _____

Customer email: _____ Customer telephone: _____

Customer Mailing Address: _____

City: _____ State: _____ Zip Code: _____

STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION

Landowner name (if neither Interconnecting Customer nor Customer)

Thomas B. Kusek

Landowner email: interconnections@nexamp.com Landowner telephone: _____

Landowner Mailing Address: 192 Russell Street

City: Hadley State: MA Zip Code: 01035

Alternative Contact Information

(e.g., system installation contractor or coordinating company, if appropriate):

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Telephone (Daytime): _____ (Evening): _____

Facsimile Number: _____ E-Mail Address: _____

Ownership (include % ownership by any electric utility): _____

Site Control? (Y/N) Y If “no”, the Application may not be submitted at this time. Interconnecting Customer must provide evidence of site control with this application in the form attached hereto at Attachment 1A or 1B.

Will Facility be constructed on a single parcel of land? (Y/N) Y

Authorized/Proposed generation capacity already exists (check all that apply):

☐ On Current Account ☐ On Same Legal Parcel of Land ☐ In Same Building/Structure

If any apply, include existing generation capacity on design diagrams, and provide Application Number(s): _____

Confidentiality Statement: “I agree to allow information regarding the processing of my application (without my name and address) to be reviewed by the Massachusetts DG Working Group that is exploring ways to further expedite future interconnections.” Yes X No _____

Group Study Agreement: “I understand and agree if my project becomes part of a Group Study, the Company is authorized to share my contact information and project details with other parties that are also involved in the Group Study.”

Generating Facility Information

Please provide all Pre-Application Reports (either mandatory or optional) as attachments. This is mandatory for systems greater than or equal to 250 kW.

Address of Facility: 29 Union St.

Application Number: _____ (required for revisions not submitted via online application portal)

STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION

City: Plainfield State: MA Zip Code: 01070

Electric Distribution Company: Eversource

Account Number: New Connection

Meter Number: New Connection

System Design Capacity: Nominal 4,990 (kW) 4,990 (kVA)

Maximum 4,990 (kW) 4,990 (kVA)

For Solar PV provide the DC-STC rating: _____ (kW_{DC})

Type of Generating Unit: Synchronous _____ Induction _____ Inverter Yes

Manufacturer: EPC Power Model: CAB-1000

Prime Mover: ☐ Fuel Cell ☐ Reciprocating Engine ☐ Gas Turbine ☐ Steam Turbine

☐ Microturbine ☐ Photovoltaic Other BESS

Energy Source: ☐ Solar ☐ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐ Fuel Oil
Other BESS (Please Specify)

For Solar PV provide the DC-STC rating: _____ (kW)

IEEE 1547.1 (UL 1741) Listed? Yes Yes No _____

1) Generating Unit Type 1

Manufacturer: EPC Power Model Name and Number: CAB-1000 Quantity: 5

Single ___ or Three X Phase

AC Rating: Nominal: 4,990 (kW) 4,990 (kVA) 480 (AC Volts)

Maximum: 4,990 (kW) 4,990 (kVA) 480 (AC Volts)

2) Generating Unit Type 2 (if applicable)

Manufacturer: _____ Model Name and Number: _____ Quantity: _____

Single ___ or Three ___ Phase

AC Rating: Nominal: _____ (kW) _____ (kVA) _____ (AC Volts)

Maximum: _____ (kW) _____ (kVA) _____ (AC Volts)

STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION

3) Generating Unit Type 3 (if applicable)

Manufacturer: _____ Model Name and Number: _____ Quantity: _____

Single ___ or Three ___ Phase

AC Rating: Nominal: _____ (kW) _____ (kVA) _____ (AC Volts)

Maximum: _____ (kW) _____ (kVA) _____ (AC Volts)

Need an air quality permit from DEP? Yes _____ No _____ Not Sure _____
If "yes", have you applied for it? Yes _____ No _____

Planning to Export Power? Yes ☒ No _____ A Cogeneration Facility? Yes _____ No _____

Anticipated Export Power Purchaser: _____

Export Form? Simultaneous Purchase/Sale _____ Net Purchase/Sale _____ Net Metering _____ Other (Specify) _____

If net metering, please refer to Schedule Z of the Standards for Interconnection of Distributed Generation. Please note that if under the public cap, all off-takers must be a Municipality or Other Governmental Entity (as defined in 220 C.M.R. 18.02) and therefore be certified by the DPU.

Est. Install Date: 01/23/2027 Est. In-Service Date: 01/23/2028 Agreement Needed By: 01/23/2026

Application Process

I am opting to forego the Expedited Process. Please review this application under the Standard Process. Yes _____ No _____

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true:
Interconnecting Customer Signature: [Signature] Title: Director Date: 01/30/2025

The information provided in this application is complete:
Company Signature: _____ Title: Grit Date: _____

ISO-NE Wholesale Market Participation

Is the project intending to participate in any ISO-NE market? Yes ☒ No _____ Uncertain _____

If so, in which ISO-NE market(s) do(es) the project intend to participate?

The project intends to participate in Wholesale+CPS market

STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION

If so, does the project intend to be:

Asset Lead Participant X

Or

Resource Lead Participant

For DG Facilities paired with an energy storage system, the DG applicant shall state any intent to participate for the DG facility and energy storage system separately.

Is the energy storage system intending to participate in any ISO-NE market? Yes No X Uncertain

If so, in which ISO-NE market(s) do(es) the energy storage system intend to participate?

Generating Facility Technical Detail

Information on components of the generating facility that are currently Listed

	Equipment Type	Manufacturer	Model	National Standard
1.	<u> Inverter </u>	<u> EPC-Power </u>	<u> CAB-1000 </u>	<u> UL-1741 listed </u>
2.	<u> </u>	<u> </u>	<u> </u>	<u> </u>
3.	<u> </u>	<u> </u>	<u> </u>	<u> </u>
4.	<u> </u>	<u> </u>	<u> </u>	<u> </u>
5.	<u> </u>	<u> </u>	<u> </u>	<u> </u>
6.	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Total Number of Generating Units in Facility? 5

Generator Unit Power Factor Rating: 1 - Unity

Max Adjustable Leading Power Factor? 0.8 - 1 Max Adjustable Lagging Power Factor? 0.8 - 1

Generator Characteristic Data (for all inverter-based machines)

Max Design Fault Contribution Current? 100kA Instantaneous or RMS? Yes

Harmonics Characteristics: <3% TDDi

Start-up power requirements:

STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION

Generator Characteristic Data (for all rotating machines)

Rotating Frequency: _____ (rpm) Neutral Grounding Resistor (If Applicable): _____

Additional Information for Synchronous Generating Units

Synchronous Reactance, X_d : _____ (PU) Transient Reactance, X'_d : _____ (PU)

Subtransient Reactance, X''_d : _____ (PU) Neg Sequence Reactance, X_2 : _____ (PU)

Zero Sequence Reactance, X_0 : _____ (PU) kVA Base: _____

Field Voltage: _____ (Volts) Field Current: _____ (Amps)

Additional information for Induction Generating Units

Rotor Resistance, R_r : _____ Stator Resistance, R_s : _____

Rotor Reactance, X_r : _____ Stator Reactance, X_s : _____

Magnetizing Reactance, X_m : _____ Short Circuit Reactance, X_d'' : _____

Exciting Current: _____ Temperature Rise: _____

Frame Size: _____

Total Rotating Inertia, H : _____ Per Unit on kVA Base: _____

Reactive Power Required In Vars (No Load): _____

Reactive Power Required In Vars (Full Load): _____

Additional information for Induction Generating Units that are started by motoring

Motoring Power: _____ (kW) Design Letter: _____

Interconnection Equipment Technical Detail Date: _____

Will a transformer be used between the generator and the point of interconnection?
Yes _____ No _____

Will the transformer be provided by Interconnecting Customer? Yes _____ No _____

Transformer Data (if applicable, for Interconnecting Customer-Owned Transformer):

Nameplate Rating: 3000 & 2000 (kVA) Single _____ or Three Yes Phase

Transformer Impedance: 5.75 (%) on a 3000 & 2000 kVA Base

STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION

If Three Phase:

Transformer Primary: 23kV (Volts) Delta Wye Wye Grounded Yes Other

Transformer Secondary: 480 (Volts) Delta Wye Yes Wye Grounded Other

Transformer Fuse Data (if applicable, for Interconnecting Customer-Owned Fuse):

(Attach copy of fuse manufacturer's Minimum Melt & Total Clearing Time-Current Curves)

Manufacturer: TBD Type: Bay-O-Net Size: TBD by Mfr. Speed:

Interconnecting Circuit Breaker (if applicable):

Manufacturer: Type: Load Rating: (Amps) Interrupting Rating: (Amps)
Trip Speed: (Cycles)

Interconnection Protective Relays (if applicable):

(If microprocessor-controlled)

List of Functions and Adjustable Setpoints for the protective equipment or software:

	Setpoint Function	Minimum	Maximum
1.	<u>Refer to Single Line Diagram</u>	<u>Refer to Single Line Diagram</u>	<u>Refer to Single Line Diagram</u>
2.	<u> </u>	<u> </u>	<u> </u>
3.	<u> </u>	<u> </u>	<u> </u>
4.	<u> </u>	<u> </u>	<u> </u>
5.	<u> </u>	<u> </u>	<u> </u>
6.	<u> </u>	<u> </u>	<u> </u>

(If discrete components)

(Enclose copy of any proposed Time-Overcurrent Coordination Curves)

Manufacturer: Type: Style/Catalog No.: Proposed Setting:

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STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION

Manufacturer: _____ Type: _____ Style/Catalog No.: _____ Proposed Setting: _____

Current Transformer Data (if applicable):

(Enclose copy of Manufacturer's Excitation & Ratio Correction Curves)

Manufacturer: Refer to SLD Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

Manufacturer: _____ Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

Potential Transformer Data (if applicable):

Manufacturer: Refer to SLD Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

Manufacturer: _____ Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION

General Technical Detail Date: _____

Enclose 3 copies, or send 1 electronic copy, of site electrical One-Line Diagram showing the configuration of all generating facility equipment, current and potential circuits, and protection and control schemes with a Massachusetts registered professional engineer (PE) stamp. Enclose 3 copies, or send 1 electronic copy, of any applicable site documentation that indicates the precise physical location of the proposed generating facility (e.g., USGS topographic map or other diagram or documentation).

Proposed Location of Protective Interface Equipment on Property:
(Include Address if Different from Application Address)

Enclose copy of any applicable site documentation that describes and details the operation of the protection and control schemes.

Enclose copies of applicable schematic drawings for all protection and control circuits, relay current circuits, relay potential circuits, and alarm/monitoring circuits (if applicable).

When mailing application fee checks, please enclose a copy of this signed interconnection application form with the payment. Please enclose any other information pertinent to this Facility.