

**Exhibit C - Generating Facility Expedited/Standard Process Interconnection Application****Contact Information (TYPE or PRINT):**

Date Prepared: \_\_\_\_\_

Legal Name and Address of Interconnecting CustomerInterconnecting Customer: Nexamp Solar, LLC Contact Person: Alex ReillyMailing Address: 101 Summer St, 2<sup>nd</sup> FloorCity: Boston State: MA Zip Code: 02110Telephone (Daytime): 617-431-1440 (Evening): \_\_\_\_\_Facsimile Number: \_\_\_\_\_ E-Mail Address: interconnections@nexamp.comOwnership Information (include % ownership by any electric utility): \_\_\_\_\_Site Control: Does the Interconnecting Customer have site control? ☒ Yes ☐ No

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 here to at Attachment 1A or 1B.

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 ☐ NoGroup 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." ☒ Yes ☐ NoHost Retail Customer Contact Information (complete any that are different than Interconnecting Customer information above):

Retail Customer: \_\_\_\_\_ Contact Person: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_ Telephone: \_\_\_\_\_

Landowner Name (if neither Interconnecting Customer nor Customer): \_\_\_\_\_

Landowner email: \_\_\_\_\_ Landowner telephone: \_\_\_\_\_

Landowner Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

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

Company Name: \_\_\_\_\_ Contact Person: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone (Daytime): \_\_\_\_\_ (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Electrical Contractor Contact Information (if appropriate):

Name: \_\_\_\_\_ E-mail Address: \_\_\_\_\_

Mailing Address: \_\_\_\_\_ Telephone: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Interconnection Seminars: "I have attended one of the utility-hosted Interconnection Seminars." (Recommended) ☐ Yes ☐ NoInterconnection Tariff: "I have reviewed the entire MDPU 1573 Standards for Interconnection of DG." (Recommended) ☐ Yes ☐ No**Facility Information (TYPE or PRINT):***Please provide all Pre-Application Reports (either mandatory or optional as per MDPU 1573) as attachments via portal.*Address of Facility: 55 Worcester RdCity: Webster State: MA Zip Code: 01570Single Parcel: Will the Facility be constructed on a single parcel of land? ☒ Yes ☐ No

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): \_\_\_\_\_

Electric Service Company: National Grid Account Number: 2096770000 Meter Number: \_\_\_\_\_Work Request Number (For Upgrades or New Service): 31110330 MTC ID: \_\_\_\_\_

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System Design Capacity: Nominal 4990 (kW<sub>AC</sub>) 4990 (kVA) Maximum 4990 (kW<sub>AC</sub>) 4990 (kVA)  
 For Solar PV provide the DC-STC rating: \_\_\_\_\_ (kW<sub>DC</sub>)

Prime Mover: ☐ Photovoltaic ☐ Reciprocating Engine ☐ Fuel Cell ☐ Turbine ☒ Other: battery

Energy Source: ☐ Solar ☐ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐ Fuel Oil ☒ Other: battery

IEEE 1547.1 (UL 1741) Listed? ☒ Yes ☐ No

## 1) Generating Unit Type 1

Manufacturer: EPC Model Name and Number: Power Cab1000 Quantity: 5

**AC Rating:**

Nominal: 998 (kW) 998 (kVA) 480 (AC Volts)

Maximum: 998 (kW) 998 (kVA) 480 (AC Volts) ☐ Single or ☒ Three Phase

## 2) Generating Unit Type 2 (if applicable)

Manufacturer: \_\_\_\_\_ Model Name and Number: \_\_\_\_\_ Quantity: \_\_\_\_\_

**AC Rating:**

Nominal: \_\_\_\_\_ (kW) \_\_\_\_\_ (kVA) \_\_\_\_\_ (AC Volts)

Maximum: \_\_\_\_\_ (kW) \_\_\_\_\_ (kVA) \_\_\_\_\_ (AC Volts) ☐ Single or ☐ Three Phase

## 3) Generating Unit Type 3 (if applicable)

Manufacturer: \_\_\_\_\_ Model Name and Number: \_\_\_\_\_ Quantity: \_\_\_\_\_

**AC Rating:**

Nominal: \_\_\_\_\_ (kW) \_\_\_\_\_ (kVA) \_\_\_\_\_ (AC Volts)

Maximum: \_\_\_\_\_ (kW) \_\_\_\_\_ (kVA) \_\_\_\_\_ (AC Volts) ☐ Single or ☐ Three Phase

Does this project need an air quality permit from the DEP? ☐ Yes ☒ No ☐ Not Sure

If "Yes", have you applied for it? ☐ Yes ☐ No

Planning to Export Power? ☒ Yes ☐ No Is this a Cogeneration Facility? ☐ Yes ☐ No

Applying for MA SMART ? ☐ Yes ☒ No Is this a standalone system? ☒ Yes ☐ No

Anticipated Export Power Purchaser: ISO NE Market

Export Form? ☐ Simultaneous Purchase/Sale ☐ Net Purchase Sale ☐ Net Metering ☐ Other (explain): ISO NE Market

Estimated Install Date: 9/12/26 Estimated. In-Service Date: 11/23/26

Agreement Need By: \_\_\_\_\_

*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.*

**Application Process****Interconnecting Customer Signature:**

"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:

Signature: Michael Krause Title: Nexamp GRIT East Manager Date: 1/30/2025

Please attach any documentation provided by the inverter manufacturer describing the inverter's UL 1741 listing.

**All Application Materials Received (For Company use only):**

The information provided in this application is complete, all attachments and supplemental application materials have been received, and the application may proceed to the initial/screening review stage of the interconnection process:

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Application ID number: \_\_\_\_\_

Massachusetts: <https://ngus.force.com/s/>

**Exhibit C - Generating Facility Expedited/Standard Process Interconnection Application****Generating Facility Technical Detail**

Information on components of the generating facility that are currently Listed

|    | Equipment Type | Manufacturer | Model          | National Standard |
|----|----------------|--------------|----------------|-------------------|
| 1. | Batteries      | BYD          | BYD MC Cube    | UL                |
| 2. | Inverter       | EPC          | Power Cab 1000 | UL                |
| 3. |                |              |                |                   |
| 4. |                |              |                |                   |
| 5. |                |              |                |                   |
| 6. |                |              |                |                   |

Total Number of Generating Units in Facility? 5Generator Unit Power Factor Rating: -1 to 1Max Adjustable Leading Power Factor? 1 Max Adjustable Lagging Power Factor? 1**Generator Characteristic Data (for all inverter-based machines)**Max Design Fault Contribution Current? 1255 ☒ Instantaneous or ☐ RMSHarmonics Characteristics: <2%

Start-up power requirements: \_\_\_\_\_

**Generator Characteristic Data (for all rotating machines)**

Rotating Frequency: \_\_\_\_\_ (rpm) Neutral Grounding Resistor (If Applicable): \_\_\_\_\_

**Additional Information for Synchronous Generating Units**

Synchronous Reactance, Xd: \_\_\_\_\_ (PU) Transient Reactance, X'd: \_\_\_\_\_ (PU)

Subtransient Reactance, X''d: \_\_\_\_\_ (PU) Neg Sequence Reactance, X2: \_\_\_\_\_ (PU)

Zero Sequence Reactance, Xo: \_\_\_\_\_ (PU) kVA Base: \_\_\_\_\_ (PU)

Field Voltage: \_\_\_\_\_ (Volts) Field Current: \_\_\_\_\_ (Amps)

**Additional information for Induction Generating Units**

Rotor Resistance, Rr: \_\_\_\_\_ Stator Resistance, Rs: \_\_\_\_\_

Rotor Reactance, Xr: \_\_\_\_\_ Stator Reactance, Xs: \_\_\_\_\_

Magnetizing Reactance, Xm: \_\_\_\_\_ Short Circuit Reactance, Xd'': \_\_\_\_\_

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: \_\_\_\_\_

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Will a transformer be used between the generator and the point of interconnection?

☒ Yes ☐ No

Will the transformer be provided by Interconnecting Customer?

☒ Yes ☐ NoTransformer Data (if applicable, for Interconnecting Customer-Owned Transformer):Nameplate Rating: (1) 3000 & (1) 2000 (kVA) ☐ Single or ☒ Three PhaseTransformer Impedance: 5.75 (%) on a 3000 & 2000 kVA Base

If Three Phase:

Transformer Primary: 13200 (Volts) ☐ Delta ☐ Wye ☒ Wye-Grounded ☐ Other: \_\_\_\_\_Transformer Secondary: 480 (Volts) ☐ Delta ☒ Wye ☐ Wye-Grounded ☐ Other: \_\_\_\_\_Transformer Fuse Data (if applicable, for Interconnecting Customer-Owned Fuse):

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

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Size: \_\_\_\_\_ Speed: \_\_\_\_\_

Interconnecting Circuit Breaker (if applicable):

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Load Rating: \_\_\_\_\_ (Amps)

Interrupting Rating: \_\_\_\_\_ 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. | _____             | _____   | _____   |
| 2. | _____             | _____   | _____   |
| 3. | _____             | _____   | _____   |
| 4. | _____             | _____   | _____   |
| 5. | _____             | _____   | _____   |
| 6. | _____             | _____   | _____   |

If discrete components (Enclose copy of any proposed Time-Overcurrent Coordination Curves):

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

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

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

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

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

Current Transformer Data (if applicable):

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

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Accuracy Class: \_\_\_\_\_ Proposed Ratio Connection: \_\_\_\_\_

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Accuracy Class: \_\_\_\_\_ Proposed Ratio Connection: \_\_\_\_\_

Potential Transformer Data (if applicable):

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Accuracy Class: \_\_\_\_\_ Proposed Ratio Connection: \_\_\_\_\_

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Accuracy Class: \_\_\_\_\_ Proposed Ratio Connection: \_\_\_\_\_

**Exhibit C - Generating Facility Expedited/Standard Process Interconnection Application****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? Energy, Capacity, and ancillary

If so, does the project intend to be: ☐ Asset Lead Participant or ☒ Resources 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 ☐ Uncertain

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

**General Technical Details:**

The application MUST be submit via the National Grid Portal at: <https://ngus.force.com/s/>

*Note: The Schedule Z may be updated as needed at any point prior to the Authorization to Interconnect.*

Refer to National Grid's Distributed Generation website for more detailed instructions: <https://ngus.force.com/s/>