UI
An Avangrid company

EVERSOURCE

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NON-RESIDENTIAL RENEWABLE ENERGY SOLUTIONS PROGRAM

INFORMATIONAL WEBINAR & BIDDERS CONFERENCE

JANUARY 20, 2026

This webinar is being recorded by the EDCs. If you do not consent to being recorded as a participant in the webinar, please exit the call.

In the event of any inconsistency between the provisions of the NRES RFP or any part of this presentation, the provisions of the Tariff Agreement are controlling. Bidders should review the Tariff Agreement and all associated documents thoroughly and submit their Bids based upon the Tariff Agreement, which will solely govern the transactions between any of the parties and their counterparty Company through the term of the resulting Agreement.

Agenda

- Program Background & Overview
- Eligibility
- RFP Process
- Processes, Forms & Fees
- Interconnection
- Metering
- Questions

Questions

- Refrain from using Meeting Chat until the Q&A session
  - We will try to answer questions at end of presentation if time allows
- After presentation
  - Email questions to both companies:
    - CTCommRenewables@eversource.com
    - NRES@uinet.com
- General Q&A's may be added to our running Q&A document

BACKGROUND & OVERVIEW

Connecticut Public Act 22-14

An Act Concerning Clean Energy Tariff Programs modified the NRES program to expand the growth of the non-residential renewable energy market.

Benefits Include:

- Furthering CT's Clean Energy Goals
- Supporting Local Clean Energy Jobs
- Lower Customer Energy Bills

NRES Overview

- 2026 is the fifth year of the NRES program
- Six-year program that combines Net Metering and Renewable Energy Certificates (REC) payments into one program
  - 20-year Agreement term. 5MW (AC) maximum size.
- Projects less than or equal to 200 kW (AC) will be awarded using the two-week window method and are price-takers
- Projects greater than 200 kW (AC) are awarded based on lowest evaluated bid price and are bid into competitive categories
- Projects less than or equal to 5000 kW (AC) in the School Solar Category are awarded on a first come, first served basis
- State, Agricultural, and Municipal (“SAM”) customers, may be eligible for virtual net metering which allows them to provide excess compensation to other SAM customers
- Bidding will take place in an online bid portal

Year 5 NRES Key Program Updates

- Fuel Cells and Anaerobic Digester projects are no longer eligible per P.A. 25-173. Only zero emission projects are eligible.
- Updated Netting & Buy-All Price Caps
- In Year 5, we will award projects in the Small Zero, Medium Zero, and Large Zero Emission categories until a budgetary or a MW cap is reached, whichever occurs first. The School Solar will operate with only a MW cap.
- In Year 5, the total annual budget or MW capacity will be made available in the February RFP. Any remaining budget or MW capacity, if applicable, will be offered in the August RFP.
- Bid fee increased to $450
- Change to Bidder entity no longer permitted. Bidder contact information and change to Authorized Installer are still permitted.

Megawatt Allocation Above Cap

- Public Act 24-31, *An Act Concerning Solar Projects Throughout the State*
  - Beginning in 2025 with NRES Year 4
  - Allows for the NRES Program to exceed available capacities under certain conditions
- Aggregate annual compensation of all 2025 selected Projects compared with aggregate annual compensation of all 2024 selected projects
  - If 2024 compensation exceeds 2025 compensation, additional capacity can be awarded
  - Annual compensation = Estimated AAP X Total Bid Price
- Total excess $ amount determines the amount of additional capacity
  - Lowest priced bid is selected if its estimated annual value doesn't exceed excess $ amount

- Example:
  - 2024 aggregate compensation = $5 million
  - 2025 aggregate compensation = $3 million
    - = $2 million excess
  - Next lowest priced bid price = $180/MWh
    - Estimated AAP of 2000 MWh/year
    - Cost = $360,000 annually
  - $2 million excess - $360,000 = $1.64 million remaining

School Solar Category - General

- Public Act 24-151
  - Encourages installation of PV and storage at public schools
  - Incorporated into the NRES program as a separate capacity carveout
- 25 Total MW Annually – Separate from other NRES capacities
  - 80/20 split between the EDCs – 20 MW for ES and 5 MW for UI
- Projects can be sized up to 5 MW (AC) with no minimum size required
- Pricing is administratively set
  - Buy-All Price = $236.74/MWh
  - Netting Prices are the same as the Medium Zero Emission category Netting price caps
- Adders available (cannot be combined)
  - Brownfield 20% Adder = $47.34/MWh
  - Distressed Municipality 20% Adder = $47.34/MWh
  - Carport/Canopy 30% Adder = $71.02/MWh
  - Verified through the same means and methods as Bid Preferences

School Solar Category – Bidding & Timing

- School Solar is non-competitive
  - First come, first served
  - Price takers
- RFP will open on February 2nd in combination with other categories
  - Remains open until capacity is filled or the end of the August RFP submission window is reached
- Bid submission and requirements are the same as all other NRES Bids, with one main exception
  - School Solar Pre-Application Checklist
  - Of note on the Checklist: A school solar project's Interconnection Application must be fully executed
- The status of the 25 MW School Solar capacity awarded will be posted publicly on the respective EDC NRES websites.

School Solar Category – Pre-Application Checklist

Requirement	Completed?
Fully executed agreement between project installer and public school customer. This must be uploaded with the online Bid.	
For projects that will be constructed on a rooftop, submission of this form is an attestation that a structural study has been completed. The building roof is of an age and condition capable of supporting the solar installation for the duration of the 20-year Tariff Agreement.	
Submission of this form is an attestation that all necessary permits have been obtained.	
Provide the Interconnection Application number in the online bid so the EDC can document a Fully Executed Interconnection Agreement. The Project's Interconnection Agreement must be fully executed before Bid submission.	
Proof of Site Control must be uploaded with the online Bid. See Section 3.4.4 of the NRES Program Manual.	
A recent copy of the customer electric bill must be uploaded with the online Bid.	
A complete Bid Certification Form must be uploaded with the online Bid.	

Bid submissions must also include all required documentation listed in Section 2.4 of the NRES RFP.

*Final version pending PURA approval.

NRES Key Program Highlights

- Sustainable Energy Advantage, LLC (SEA) serves as the Ombudsperson for the NRES, SCEF, and RRES programs, effective since April 1, 2024.
- The non-refundable NRES Bid fee is $450 per Bid to cover the cost of the ombudsperson.
- As ordered in the NRES Year 3 Decision, all Bids must submit a completed Customer Protection and Disclosure Form.
- Agricultural Customers participating as a State, Agricultural, or Municipal (“SAM”) must provide proof of Agricultural status. See section 4.4.8 in the Program Manual.
- Up to 30% Bid preference for 100% Solar Carport/Canopy projects over 200kW
- 100% Solar Carport/Canopy Projects have higher price caps than non-Solar Carport/Canopy Projects

NRES Key Program Highlights

- Add-On Netting systems are now allowed for both EDCs.
- REC buybacks – Customers can elect to enter into a form of Tariff Agreement that allows them to purchase and retire the RECs from their Project.
- SAM Customer Hosts is not required to own Project Site but must have site control.
- SAM projects sizing to the load of beneficial accounts must state the percentage of load from each beneficial account that is being used for project sizing. Not more than 100% of load from any Beneficial Account may be used for project sizing. Use the SAM Project Usage History Template on the EDCs websites.
- Projects can qualify for the Distressed Municipality Bid preference.

Year 5 NRES Tips for Successful Bid Submission

- Bids must be submitted with the Bid Certification Form from the current Program year. Only use Program documents found on the NRES websites rather than previously saved versions.
- If your project is being sized to load (i.e.: not a rooftop buy-all project), double check the size to load calculation. The total estimated annual generation (kWh) cannot exceed the highest consecutive 12-month load/usage (kWh) over the five years prior to Bid submission. See the Average Annual Production formula on page 17 (footnote 8) in the Program Manual. System size cannot be changed once the Bid is submitted.
- If you submit a Bid with anticipated future load from beneficial electrification or EV chargers, a stamped calculation from a Connecticut licensed Professional Engineer, along with the Professional Engineer Certification Form on the NRES websites.
- For New Construction non-rooftop Buy-All Projects – Professional Engineer Certification must calculate the expected annual building usage in kWh, in addition to calculating the system's expected annual production.
- If the NRES Project Bid is submitted in association with an existing Billing Account, that same Billing Account must match the DG Interconnection Application. If the NRES project Bid is NOT associated with an existing Billing Account, the DG Interconnection Application should NOT include a Billing Account. For Buy-All Projects, a new Billing Account will be established for the new Project service/revenue meter. This is important to ensure proper billing after the Project goes in service.

Year 5 NRES Tips for Successful Bid Submission

- Include DG INT number when applying for NRES if you've already submitted an Interconnection Application to DG. In Eversource's bid portal, please include "INT-" before the numerals.
  - When submitting your interconnection application, include the NRES project number if one exists
- If the entity is ***anything*** other than an individual person, you must indicate that you are NOT an individual and include all necessary information as prompted by the Bid portal
- If the Customer elects to receive direct payments, they do not need to list themselves as the Tariff Payment Beneficiary. Payments will be made per the banking instructions submitted in the Bid.
- Eversource: The banking information for the entity that will receive payments (Customer or Tariff Payment Beneficiary) must be the same for all existing agreements and new Bids. Before submitting a Bid, confirm that banking info will align. If you aren't sure, an authorized contact for the agreement(s) can contact us via email to confirm and update if needed.
- If the Project is sited at an Affordable Multifamily Housing property, it must participate in the RRES Program.

Year 5 NRES Available Capacity - Eversource

Category	Project Size (AC)	Eversource Budget Cap/Year	Eversource MW/Year	Project Selection Process
Large Zero Emission Projects	≥ 1,000 kW ≤ 5,000 kW	$6,726,804	31	Competitive Solicitation
Medium Zero Emission Projects	> 200 kW < 1,000 kW	$5,121,083	25	Competitive Solicitation
Small Zero Emission Projects	≤ 200 kW	$6,493,171	24	First-come, first-served, subject to two-week window
School Solar Projects	≤ 5,000 kW	N/A	20	First-come, first-served, subject to available capacity

*MW allocations may change if projects terminate or install smaller in accordance with the applicable program rules.

Year 5 NRES Available Capacity - UI

Category	Project Size (AC)	UI Budget Cap / Year	UI MW/Year	Project Selection Process
Small Zero Emission	≤200 kW	$1,900,899	6.0	First-Come, First Served. Subject to two-week window
Medium Zero Emission	>200 kW <1,000 kW	$2,250,672	8.0	Competitive Solicitation
Large Zero Emission	≥1,000kW ≤5,000kW	$2,249,166	6.0	Competitive Solicitation
School Solar Projects	≤5,000kW	N/A	5.0	First-Come, First Served. Subject to available capacity

*MW allocations may change if projects terminate or install smaller in accordance with the applicable program rules.

Two Tariff Options

Zero and Low Emission Project installations that qualify for this Program may sell the energy and Renewable Energy Certificates (RECs) at a fixed 20-year price by selecting one of two tariff options:

Buy-All Tariff

- Customer exports all electricity produced by their renewable energy project to the grid directly without supplying power to their property.
- The EDC purchases all the generated clean energy at the as-bid price (or set price for the Small category).
- The customer purchases all the energy for their property from the grid.
- The customer may determine how the total Buy-All rate will be divided between two compensation options:
  - A monetary on-bill credit that will be applied to the Customer of Record's EDC billing account for the project site to offset their electric bill, and/or
  - A direct payment to a Tariff Payment Beneficiary

Or

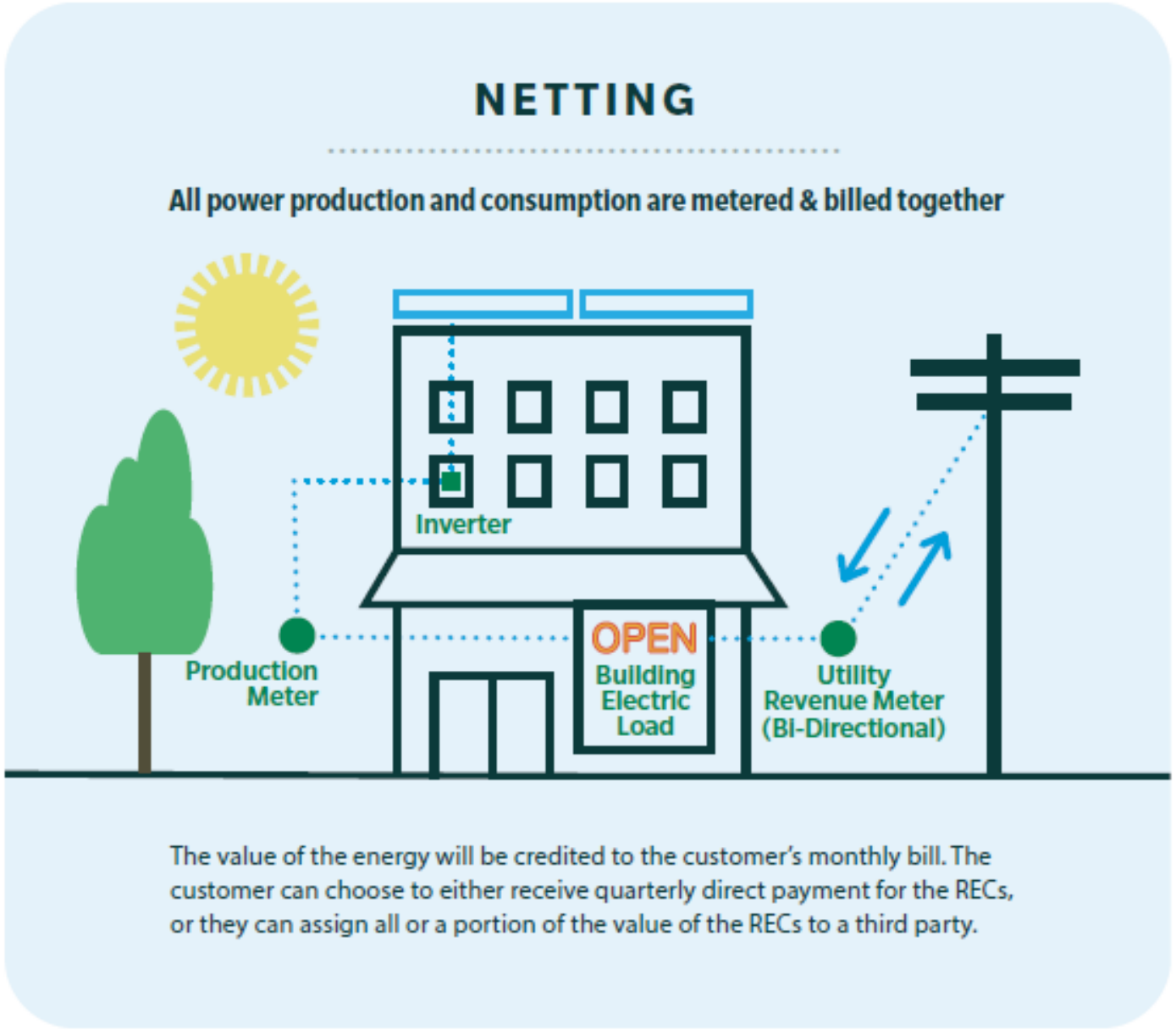
Netting Tariff

- Energy generated by the renewable system is first used to offset the property's consumption.
- At the end of the month, if more energy was produced by the system than consumed on site, the customer receives a monetary credit on their bill that can be used in later months.
  - Customers may also qualify for an incentive payment calculated based on the total production of the renewable system.
    - Renewable Energy Credits

Buy-All


BUY-ALL
Send all production to grid; Purchase all for building load.
Inverter
OPEN
Building
Electric
Load
Utility Revenue/
Production Meter
Existing Utility
Revenue Meter
Customer receives quarterly payments for all energy and RECs. Customer can elect for a percentage of the total compensation to be assigned to a third party. Any remaining compensation will be applied to the customer's bill as a monetary credit.

Netting


NETTING
All power production and consumption are metered & billed together
Inverter
Production Meter
OPEN
Building Electric Load
Utility Revenue Meter (Bi-Directional)
The value of the energy will be credited to the customer's monthly bill. The customer can choose to either receive quarterly direct payment for the RECs, or they can assign all or a portion of the value of the RECs to a third party.

ELIGIBILITY

Site and System Eligibility Requirements

Eligibility	Requirement
Site & Customer Eligibility	❑ Eversource or UI Customer ❑ Project is going In-Service on or after the RFP issuance date
System Eligibility*	❑ Small Zero Emission Category: ≤ 200 kW ❑ Medium Zero Emission Category: > 200 kW and < 1000 kW ❑ Large Zero Emission Category: ≥ 1000 kW and ≤ 5000 kW ❑ School Solar Category: ≤ 5000 kW ❑ Has not received CT Green Bank incentives ❑ Projects that are not State, Agricultural, or Municipal Customers or Rooftop Buy-All Projects shall be sized to not exceed the highest consecutive 12 months of load over five years prior to Bid submission

*If the Project Site qualifies for the Residential Renewable Energy Solutions Program, it will not be eligible for the Non-Residential Renewable Energy Solutions Program in any size category

Tariff Eligibility Requirements

Requirement	How to Meet:
❑ Eversource or UI customer	• Most recent Customer Bill for the Project Site
❑ Site Control	• Proof of Site Control is between the Developer of the Project and the Owner of the Project Site • Documentation proving site control such as deeds*, written leases, options to lease, memorandums of lease, memorandums of option to lease, and contracts to purchase

*Including, but not limited to, Warranty Deed, Quit Claim Deed, Executor's Deed, Trustee's Deed, or any other valid proof of ownership

Sizing Requirements Based on Load

Projects in the NRES Program must be sized appropriately to the Project Site's load

Load Calculation Options	How to Meet:
❑ Historical Load	Bidder must provide the historical annual load/usage in kWh for the project site. The estimated annual generation (kWh) cannot exceed the highest consecutive 12-month load/usage (kWh) over the five years prior to bid submission.
❑ Historical Load Based on SAM Beneficial Accounts Load	For SAM customers, the load data for up to five Beneficial Accounts can be provided to support the project size. See next slide for details.
❑ Load Estimation for New Construction Projects	Bidder must provide a PE Certificate from a CT Licensed Professional Engineer certifying estimated load for the Project Site and for all Project Sites without existing service.
❑ Load Based on Future Beneficial Electrification Measures	Beneficial Electrification measures must be implemented within five years of the Project going in service. Customer must provide proof of measures installed within five years from the Project In-Service Date or compensation will be adjusted accordingly.

*Rooftop Buy-All Projects are not required to meet the size to load requirements outlined above.

SAM Projects

SAM Customers are **State**, **Agricultural**, or **Municipal** Customers which may have multiple Beneficial Accounts associated with their Projects. SAM Customers can provide load data for up to five Beneficial Accounts to support the Project size.

Additionally, SAM Customers may allocate monthly excess bill credits from their qualified Project to other accounts of the Customer Host or to the accounts of other SAM Customers and certain critical facilities.

Requirement	How Verified?
❑ The Customer Host Account must provide proof of Site Ownership or proof of Site Control	Documentation such as deeds (Including, but not limited to, Warranty Deeds, Quit Claim Deeds, Executor's Deeds, Trustee's Deeds, or any other valid proof of ownership), documentation from the tax assessor's office demonstrating that the Customer Host is the legal owner of the proposed Project Site at the time of bid submission. These ownership requirements do not apply to SAM Beneficial Accounts. Documentation proving site control such as deeds*, written leases, options to lease, memorandums of lease, memorandums of option to lease, and contracts to purchase
❑ Beneficial Account Credit Allocation Form (BACAF)	Each Customer Host that seeks to allocate excess bill credits to Beneficial Accounts must submit a BACAF to direct the allocation of bill credits. Customer Hosts must submit a complete BACAF prior to commercial operations and may submit modifications once per 12-month period. Each time a request is made to modify these allocations, the EDC may charge a $250 fee associated with such requested modifications.

RFP Process

2026 Price Caps and Tariff Rates

Category	Buy-All Price Cap ($/MWh)	100% Solar Carport/Canopy Price Cap ($/MWh)	Netting Rate
Small Zero Emission Tariff Rate	$250.42	N/A	Dependent upon EDC, Size Category, Retail Rate, Technology, and Solar Carport/Canopy (Refer to Year 5 RFP/Bid Calculator)
Medium Zero Emission Price Cap	$236.74	$338.20	
Large Zero Emission Price Cap	$182.94	$261.34	
School Solar Price Cap	$236.74	$307.76	

Application/Bidding Process for February RFP

Medium & Large Zero Emission Categories	
Process	• 2/2/2026 at 1:00pm* - Bid Window opens • 3/16/2026 at 1:00pm - Bid forms due for all categories except School Solar • Bids are screened for eligibility; eligible Bids are ranked from lowest to highest evaluated Bid price after applicable Bid preferences; awarded until category budget or MW capacity is reached
Price Caps	• The competitive Bid process allows Bidders to submit Bids up to the established price caps • Medium Buy-All Price Cap: $236.74/MWh • Large Buy-All Price Cap: $182.94/MWh • Netting Price caps vary based on Project size, tariff type, EDC, retail rate, technology, or Bid Preference • Selected Projects will be paid at as-Bid price

*Times shown are in Eastern Prevailing Time.

Application/Bidding Process for February RFP – Small Zero Emission

Small Zero Emission Category	
Process	• Two-Week Window: All **complete** bids submitted during two-week window are considered submitted at the same date/time • If oversubscribed in Two-Week Window, random selection • First-come first-served applies after Two-Week Window and/or if Two-Week Window is undersubscribed • Two-Week Window opens 2/2/2026 at 1:00pm*, closes 2/17/2026 at 1:00pm • Bid window closes for all categories 3/16/2026 at 1:00pm • One round of Project selection
Tariff Rate	• Pricing is administratively set • Buy-All: $250.42/MWh • Netting: Dependent upon the EDC, retail rate, and technology type

*Times shown are in Eastern Prevailing Time.

Application/Bidding Process for School Solar Projects

School Solar Category	
Process	• 2/2/2026 at 1:00pm* - Bid Window opens • 9/14/2026 at 1:00pm - School Solar bid forms due • School Solar projects can be submitted from the opening of the February RFP through the close of the August RFP, as long as capacity is still available. • School solar bids will be evaluated and awarded on a rolling basis until the available capacity is fully allocated or until the close of the August RFP, whichever occurs first.
Tariff Rate	• Buy-All: $236.74/MWh • Netting: Dependent upon the EDC, retail rate, technology type, and Bid preference

*Times shown are in Eastern Prevailing Time.

February RFP Schedule*

Action Item	Date
Bidders Conference – Webinar Only	January 20, 2026
Deadline for Submission of Questions	January 27, 2026
Release of RFP and Opening of Bid Window for All Project Size Categories, and Opening of Two-Week Window for Small Zero Emission Category	February 2, 2026 at 1:00:00 p.m. (Eastern Prevailing Time “EPT”)
Close of Two-Week Window for Small Zero Emission Category	February 17, 2026 at 1:00:00 p.m. (Eastern Prevailing Time “EPT”), at which time the Pricing shall become firm, irrevocable and binding.
Bid Forms Due for All Categories except School Solar Projects	March 16, 2026 by 1:00 p.m. (Eastern Prevailing Time “EPT”), at which time the Pricing shall become firm, irrevocable and binding.

*Pursuant to Section 2.1 of the RFP, Schedule, the Companies, at their sole discretion, may modify the schedule at any time.

February RFP Schedule (continued)*

Action Item	Date
First round of Selection and Notification of Winning Bidders for All Categories	On or about May 4, 2026
Tariff Agreement Execution	After Selection and Notification of Winning Bidders. Bidders will have to return partially executed contracts by the date established by the Companies which is expected to be approximately 10 business days.
Tariff Agreement(s) Filed with PURA	At the conclusion of the award notification process
Commencement of Service	In accordance with Tariff Agreements

*Pursuant to Section 2.1 of the RFP, Schedule, the Companies, at their sole discretion, may modify the schedule at any time.

Processes, Forms & Fees

Tariff Payment Beneficiaries

Incentive payments may be provided to the Customer or to a Tariff Payment Beneficiary

Buy-All	Netting
Initial Beneficiary Designation – Required at time of application	
Customers can designate a Tariff Payment Beneficiary to receive all or a portion of the total payment	Customers can designate a Tariff Payment Beneficiary to receive the REC payment
Beneficiary Change – Allowed once per year	
Customer may change the allocation of direct cash payments vs. monetary on-bill credits & the Tariff Payment Beneficiary	Customer may change beneficiary for the REC payment

Bid Preferences

Applicants may select the following Bid Preferences during the Bid process

Site Location is a Landfill or Brownfield

20% Bid Preference in Year 5

Available to projects located on landfills or brownfields as defined by CT DEEP.

Source: https://portal.ct.gov/DEEP/Remediation--Site-Clean-Up/Brownfields/Brownfields-Site-Inventory

Source: https://portal.ct.gov/-/media/DEEP/site_clean_up/Brownfields/closedlandfillslistpdf.pdf

Or

Site or SAM Project with 100% of Beneficial Accounts located in a Distressed Municipality

20% Bid Preference in Year 5

Available to projects or 100% of SAM Beneficial Accounts located in or paid/owned by a Distressed Municipality.

Source: https://portal.ct.gov/DECD/Content/About_DECD/Research-and-Publications/02_Review_Publications/Distressed-Municipalities

Project has a portion of Capacity on a Solar Carport/Canopy

30% Weighted Bid Preference in Year 5

Refer to the RFP for specific applicability

While a project may qualify for multiple Bid preferences, the maximum Bid preference that any one Bid may receive is 30%

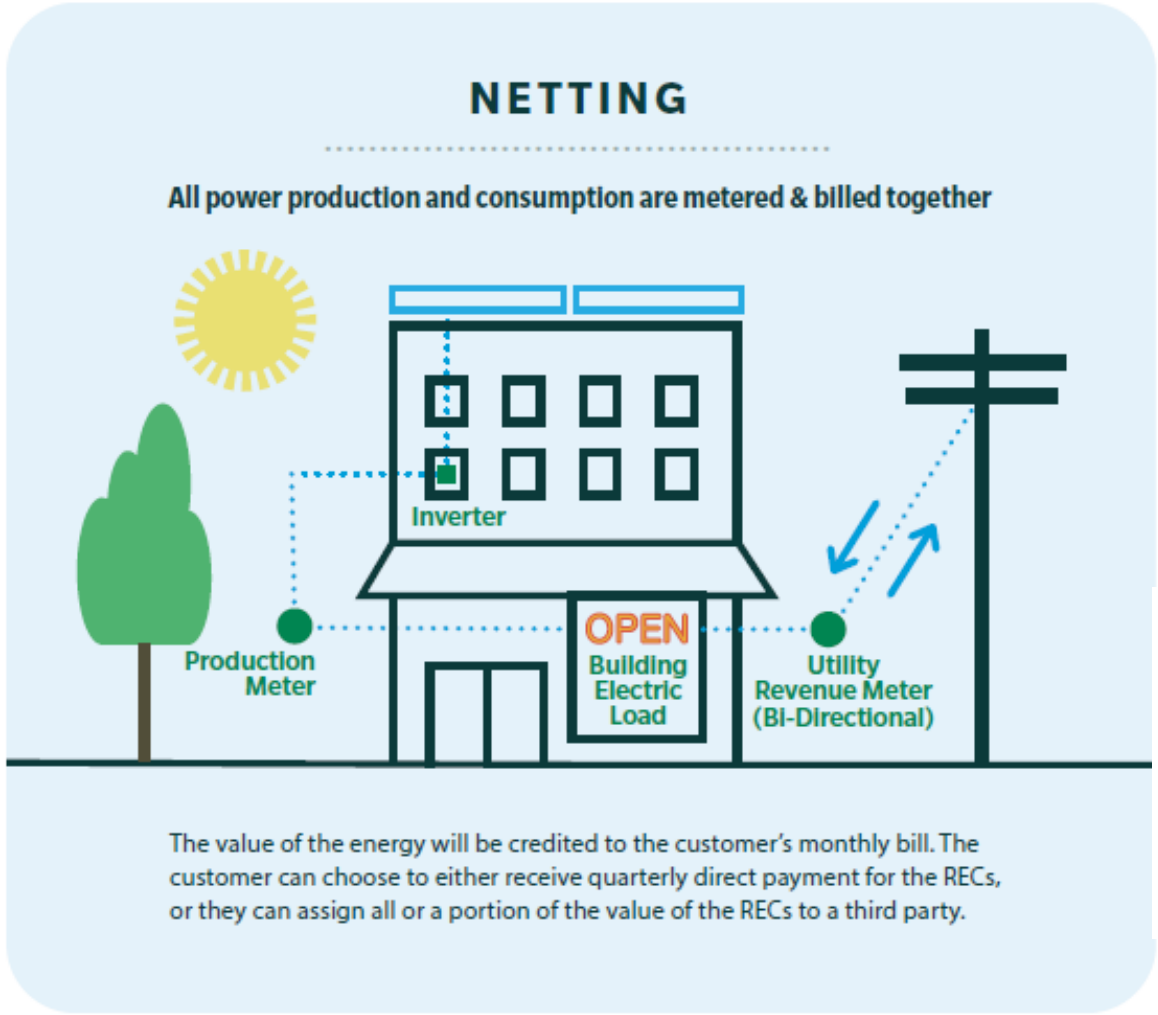
Checklist of Required Bid Documents

	Required Bid Documents
☐	Bid Certification Form (All 5 pages, including documentation proving site control)*
☐	Documentation demonstrating ownership or site control of the Project Site by a SAM Customer Host (if applicable)
☐	12 months of consecutive historical load (if applicable)
☐	Most recent Customer Bill (if applicable)
☐	Certification of Carbon Neutrality (if applicable)
☐	CT PE Certification certifying historical load estimates and/or planned beneficial electrification (if applicable)
☐	Bid Preference Form (if applicable)
	School Solar Checklist (if applicable)
☐	Beneficial Account Credit Allocation Form (if applicable)

*Documentation proving site control such as deeds, written leases, options to lease, memorandums of lease, memorandums of option to lease, and contracts to purchase.

Netting Incentive Example

Assume customer's retail rate = $0.1487 / kWh



	On-bill Credits	REC Payment
	Netted production paid to Customer on bill at retail rate	Direct cash payment to Customer or Tariff Payment Beneficiary
	60,000 kWh – 40,000 kWh = 20,000 kWh * $0.1487 = $2,974.00	60,000 kWh * $0.019 = $1,140.00
	Regular Bill including Production Credits (on-bill)	**Cash Payment (Quarterly)**
kWh	-40,000+60,000 = +20,000	+60,000
Bill Accrual	$ 2,974.00	$ 1,140.00

Customer carries forward a bill credit to the next month

Buy-All Incentive Example

	On-bill Credits	Cash Payment
	Customer wants 80% as on-bill credits	Customer wants 20% as cash payment to Tariff Payment Beneficiary

60,000 kWh * $.145/kWh = $ 8,700

Buy-All Rate = $.145/kWh

	80% * $8,700 = $6,960.00	20% * $ 8,700 = $1,740.00

	Regular Bill	Production Credits (on-bill)	Cash Payment (Quarterly)
kWh	-40,000	+60,000	+60,000
	$ -3,893.60	$ 6,960.00	$ 1,740.00

-$3,893.60 + 6,960.00 = $3,066.40

Customer carries forward a bill credit to the next month

Online Resources

United Illuminating

UI Non-Residential Renewable Energy Solutions Main Page

UI Bid Portal

Eversource

Eversource Non-Residential Renewable Energy Solutions Program Main Page - Eversource.com/NRES

Interconnection

Interconnection Application Process Tips: Pre-Application

- Before submitting an application
  - Know your planned or actual compensation/incentive
    - Application must be consistent with planned compensation/metering
    - NRES Buy-All, NRES Netting, SCEF, LREC/ZREC, Virtual Net Metering, Rate 980, Battery Incentives, etc.

  - Use the capacity hosting and Grid Twin tools available on our website
    - Not every site can be easily or quickly developed and interconnected
    - Everything is site and size dependent
    - Know the limitations of these tools

  - Know the technical standards and Information and Requirements for electric service for Eversource, CT
    - Standards are for our safety and for a streamlined technical and business process
    - If proposed design is non-standard, don’t assume it will be quick, or approved
    - Technical Guidelines from Working Groups updated December 2023 are on our website
      - Most changes relate to battery storage

Interconnection Application Process Tips: Pre-Application- continued

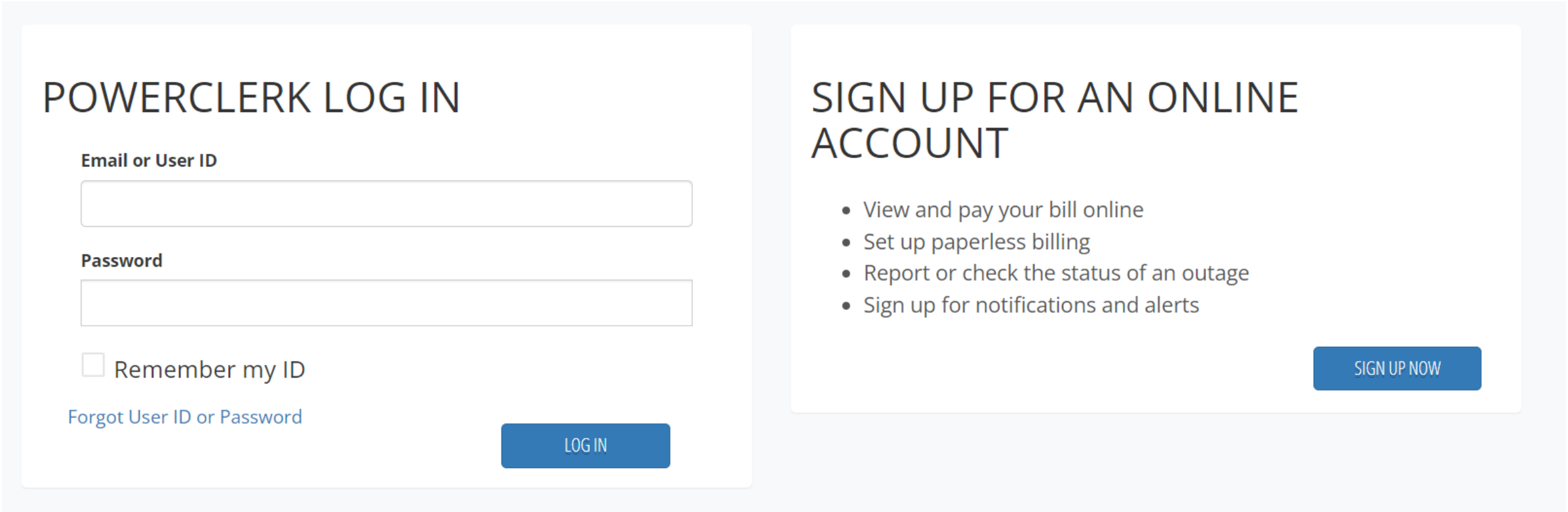
- Visit the site to collect accurate information
  - Do your homework
  - If questions, please ask, don’t assume

- Projects over 1 MW may require ISO-mandated transmission cluster studies- FERC order 2023
  - Have the correct pscad models ready- don’t wait to be told you need them

PowerClerk Log In/Sign Up

- When you apply using the PowerClerk Log In/Sign Up page, please have someone filling out the application that is familiar with how to answer the questions, technical and otherwise.

- The Information and Requirements (I&R) book can be found via the following link (Eversource):
https://www.eversource.com/content/docs/default-source/ct---pdfs/yellowbook.pdf?sfvrsn=3f73d4e_4



Interconnection Application Process Tips- Front-End of Process

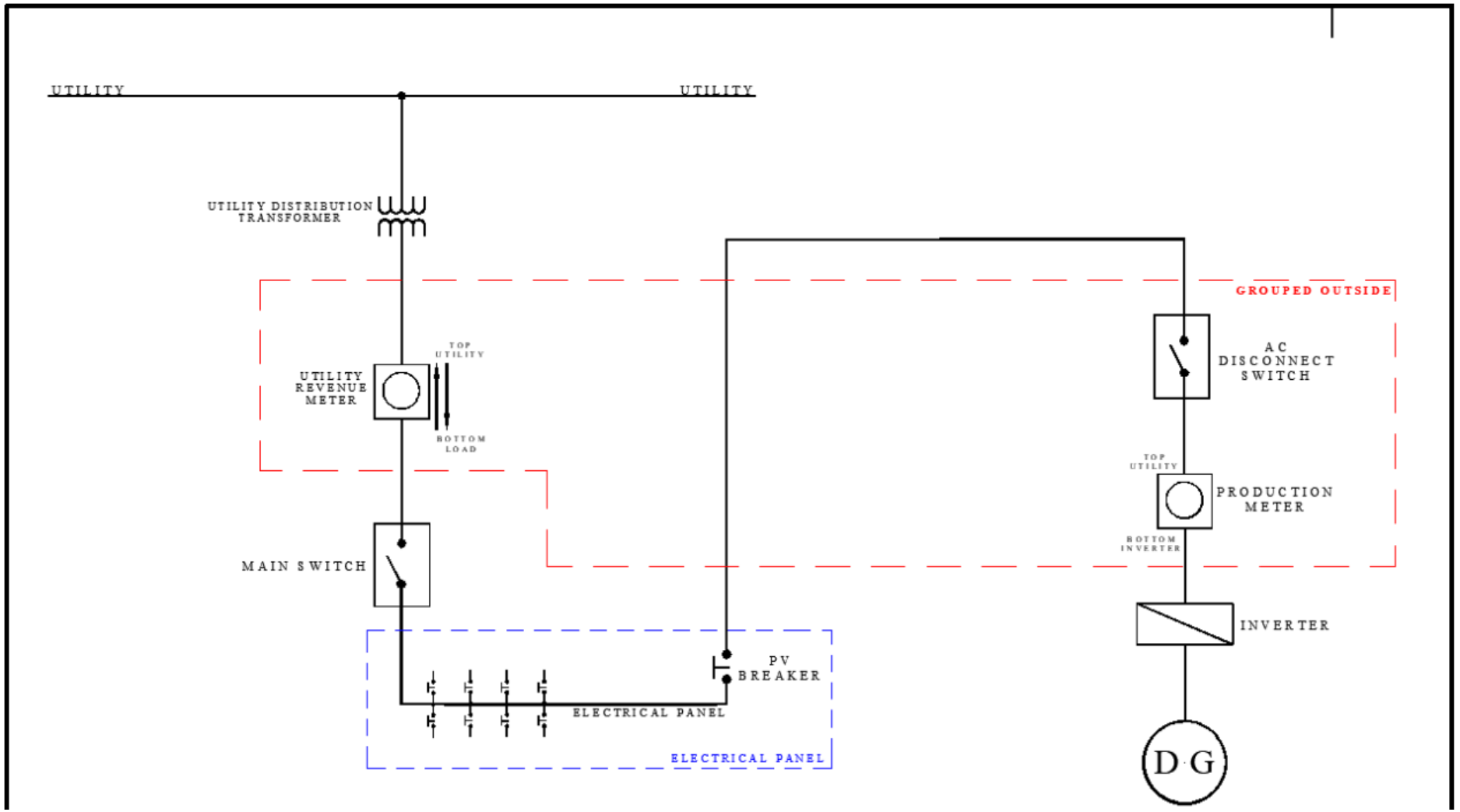
- Submit a COMPLETE, CONSISTENT and CORRECT application
  - Accurate Site Plan- show existing and proposed equipment – show meters outside, grouped, disconnect
  - Accurate One line- show existing and proposed additions, clearly- (PE stamped if AC rating over 50 kW)
    - Visit the site before submitting an application
  - Signed Application
  - Site Control form
  - UL1741 SB inverters
  - Insurance certificate (needed prior to Contingent Approval)
  - Pay the application fee electronically

- For NRES Buy-Alls, Eversource Customer Care will initiate a Field Work Order to engage distribution engineering in the process earlier than before
  - Requires applicants to have their qualified electrician meet on site with our engineers
  - CA/IA will not be provided for Buy-Alls before the design is approved by Field Engineering

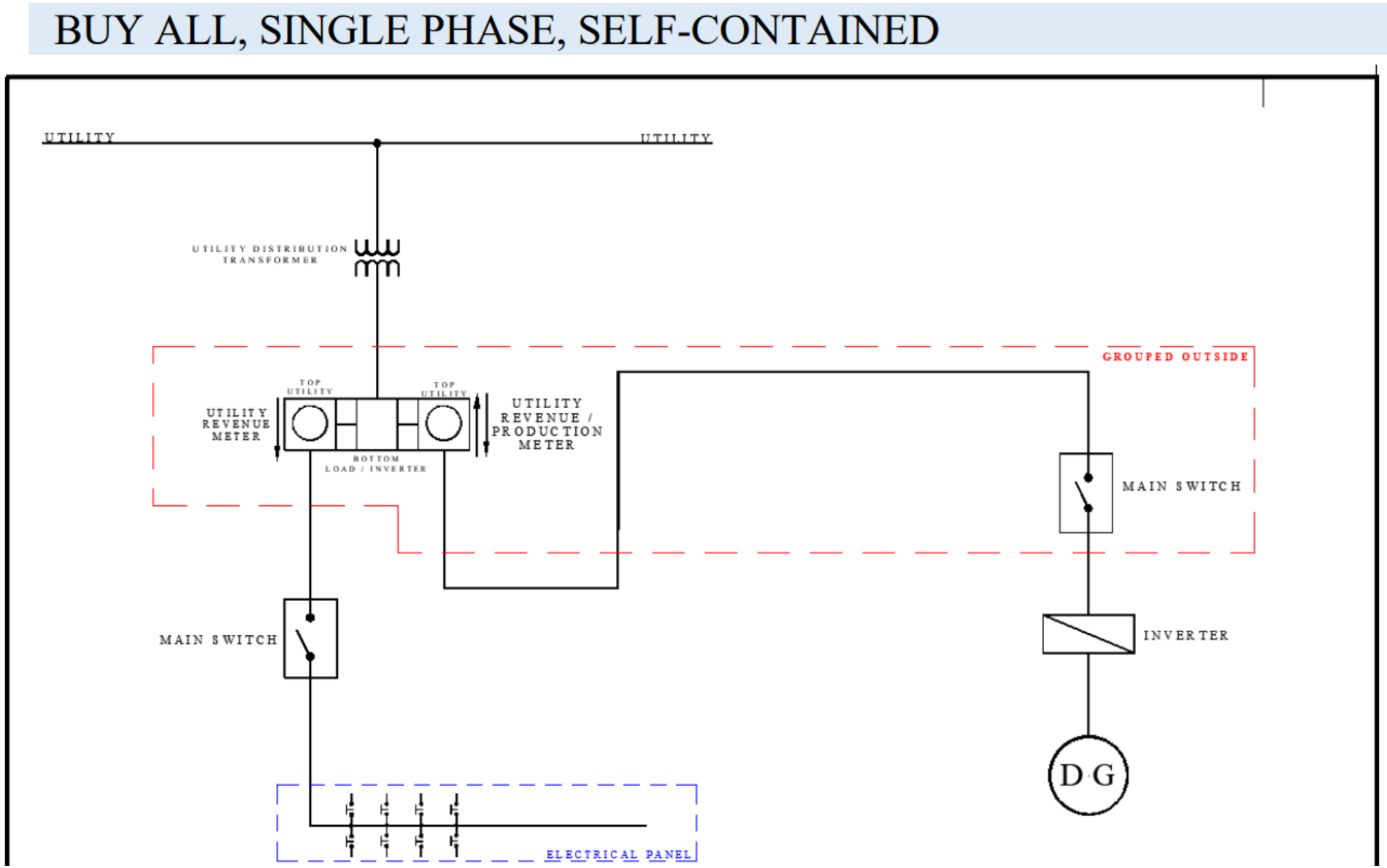
- For all other electrical service upgrades that may be required, applicant's electrician will initiate the service WO
- The next slides are One Line examples of NRES projects. These are general guidelines and nothing should be built before Field Engineering's review and approval; everything is site dependent.

NRES Netting One Line Example

NETTING, SINGLE PHASE, SELF-CONTAINED



NRES Buy-All One Line Example



Interconnection Application Process Tips- Mid-Process

1. Limit changes mid-process if possible

2. A Customer Care Account Executive is assigned to each project
   a. Single point of contact….but not single point of all answers at their fingertips

3. Use the ask-a-question function in PowerClerk for application-specific questions

4. For multiple projects we can arrange a monthly or bi-weekly meeting to escalate concerns

Interconnection Application Tips: Back-End/Final Approval

1. After the DER system is installed and tested
   a. New ISO-settings for newer applications

2. Metering install starts with Municipal Inspection approval in our Work order system

3. All requirements for close-out should be in indicated in the Contingent Approval/Interconnection Agreement- please read these documents!

4. Don’t wait to end-of-year and expect fast response and action

Interconnection Application Process – Future Improvements

- More PowerClerk functionality, Information and Requirements book and website updates
- More automation and streamlined processing of workflow
- Keep all communications, documents, status, inside PowerClerk for visibility and tracking
- More payment options for Studies and Interconnection Costs

Interconnection Application Process

Eversource Connecticut Application to Connect:
https://www.eversource.com/content/residential/about/doing-business-with-us/interconnections/connecticut/connecticut-application-to-connect

Eversource Connecticut Distributed Generation team email:
CTDG@eversource.com

Please provide feedback via the Meeting Chat:

1) What additional information can we provide on the current process?

2) What improvements would you like to see to the interconnection process?

Interconnection Application Process

UI Connecticut Application to Connect:
PowerClerk Renewable Energy Solutions Portal

UI Connecticut Distributed Generation team :

All inquiries should be submitted through the “Ask a Question” feature in PowerClerk. Once an application is submitted, an analyst will be assigned and will initiate contact with the developer.

Metering

Meter Engineering Guidance

- As mentioned earlier, it is critical to know which program or incentive before submitting an application
  - Each incentive has a specific metering design and process.

- Metering equipment and meter installation must be complaint with the Eversource I&R book. The same guidelines that apply to the revenue meter apply to the production meter as well
  - Any switchgear with an integrated instrument transformer cabinet should be submitted prior to procurement for approval.

- The latest NRES diagrams must be reviewed when designing DG systems. As a reminder, the diagrams are NOT construction diagrams.
  - **Eversource is looking to make updates to the diagrams this year**

- For any projects that are behind-the-meter (i.e. Netting Tariff, rate 980, etc.), the meter socket or instrument transformer cabinet CANNOT be used as a point of interconnection. DG systems must be connected outside of any metering equipment.

- All metering (production or revenue) must be wired with the LINE side facing the utility

Meter Engineering Guidance

- Any indoor metering must be relocated outside and brought to standards of the latest Connecticut Eversource I&R book
  - RELOCATION PURPOSES ONLY – IT rated service can have meter conduit up to 100’ for services 1800A or less. Services greater than 1800A can have conduit up to 150’.

- Any 400A service that is metered with instrument transformers (current transformers or voltage transformers) must be converted to a self-contained CL320 meter socket

- Any instrument rated service (greater than 400A), 480V services, or network services that are currently hot-sequenced (utility > metering > main disconnect) must be upgraded to cold-sequenced (utility > main disconnect > metering). This should be shown on any one-line diagrams submitted through the interconnection process

- AC disconnects must have a visible break. Breakers, push buttons, or any other means that does have a break will not be considered for use as the utility AC disconnect for DG systems

- Eversource may request site photos of the existing gear if questions arise during the technical review

- Meter enclosures or cabinet cannot be used as a raceway for any ancillary wiring (i.e. control wire)

Instrument Transformer Rated Metering

What does the Installation Contractor Provide?

- ✓ All Requirements for a new Service
- ✓ Diagrams – 1-line and 3-line diagrams
- ✓ Approved IT cabinet
- ✓ Approved Meter Socket w/Test Switch
- ✓ Emergency disconnect

Provide all diagrams and equipment spec sheets to Eversource for review.

Email scott.d.miller@eversource.com for any concerns on switchgear submittals, pre-construction meetings, or general design questions

What does the Eversource Provide?

- ✓ CTs and/or VTs to be installed and secondaries wired to meter test switch
- ✓ Meter to be installed by Eversource.

Eversource Standards:

1. All service voltages at or above 277/480v require voltage transformers.

Secondary CTs uses either 600:5 bar types or 2000:5 window types.

Instrument Transformer Rated Metering

- Current Transformers and Voltage Transformers are installed by the customer's electrician. Polarity of the Current Transformers **MUST** face the utility for all metering at Eversource.
  - Do not confuse this with the requirements for United Illuminating.

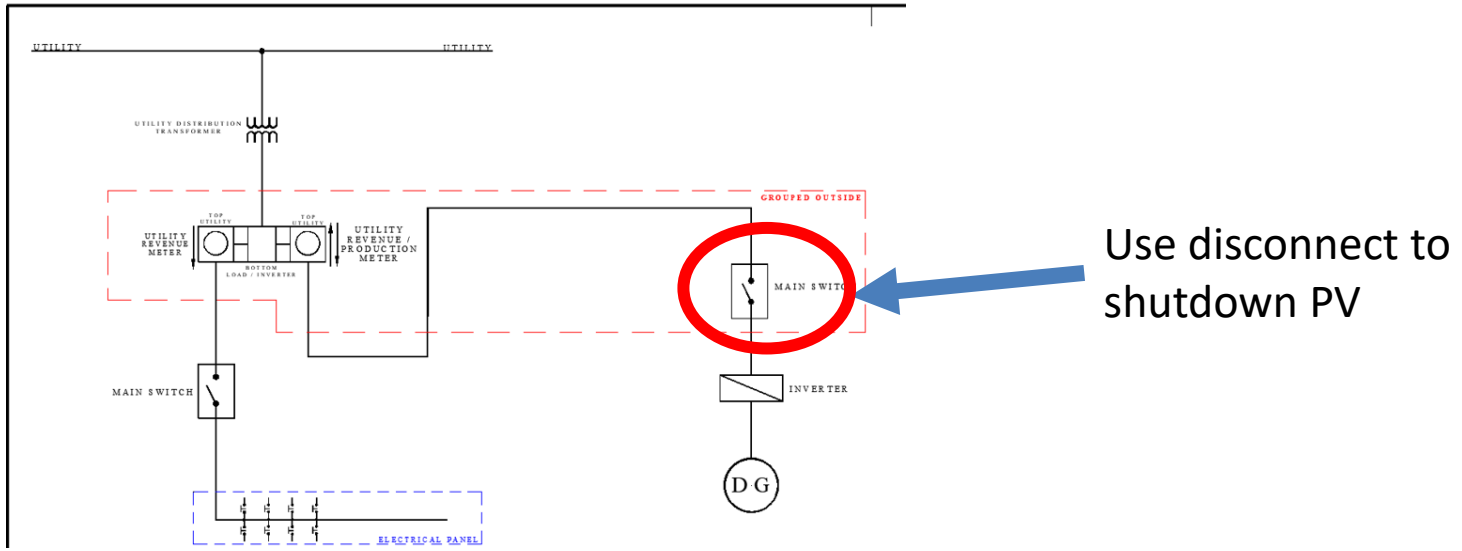
- Eversource will coordinate with the installer to drop off the current transformers and voltage transformers for the customer's electrician to installer. Any jumpers or bus-bars inside the instrument transformer cabinet must be removed

- Eversource will return to wire the current transformers and voltage transformers to the meter socket. **The system must be turned OFF at this time.**

Self-Contained Metering

- Voltage MUST be present on the line side of self-contained meter sockets prior to an Eversource meter install
  - Sockets that DO NOT have voltage will not have a meter installed. Second visit will be required.

- Buy-all services that are self-contained should use the AC disconnect AFTER the meter if the PV needs to be shutdown for any reason (i.e. awaiting permission to operate, maintenance etc.)
  - The cold-sequence disconnect ahead of the meter should not be utilized unless there is an emergency



Use disconnect to shutdown PV

Meter Equipment Guidance

All metering equipment used for should be compliant with the Connecticut Eversource I&R book. This applies to both the production meter and revenue meter.

- When purchasing meter sockets, please ensure that the equipment used matches voltage, amperage, and service being metered.
- This is especially important for current transformer cabinets. Eversource has specific models that are only approved for specific voltages (i.e. 480/277VAC vs 208/120VAC).
- All equipment should be submitted prior to procurement to avoid any issues in the field during the meter install. **Eversource will not install metering in equipment that is not approved.**

Meter Equipment Guidance (Cont.)

- For DER installations where service entrance equipment is being upgraded or replaced, equipment should be submitted as part of that process

- The Eversource I&R book and link to Approved Meter equipment can be found under the Electric Contactor Resources page: https://www.eversource.com/residential/about/doing-business-with-us/builders-contractors/connecticut-bc
  - Eversource will be updating the Approved Meter Socket list this year to incorporate new models

Self-Contained Metering

- LINE and LOAD conductors for production meter are in separate conduits

- **<u>Neutral isolation is used when required by NEC</u>**

- Meter socket is bonded to ground

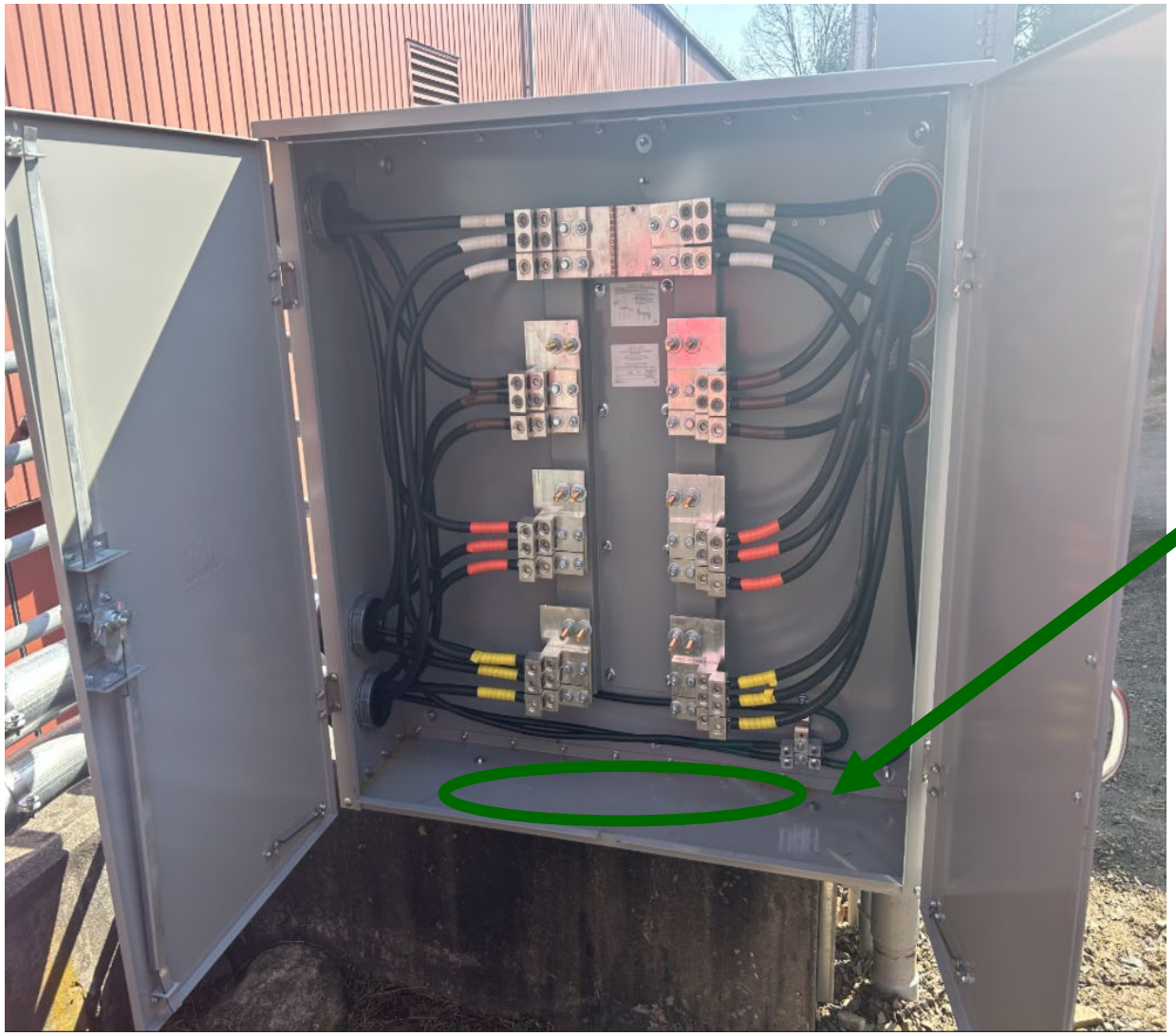
- Eversource I&R approved meter socket is used with a lever bypass

-Disconnect is adjacent to production meter socket

- Labels should be weatherproof and distinct
    - 480V labels required on meter and disconnect

    - INT number should be labelled
    THIS IS CRITICAL IF MULTIPLE METERS ARE ON SITE

Transformer Rated Metering



- LINE (Utility) and LOAD (Generation) should be clearly labelled inside current transformer cabinet

- Current transformers must be mounted with polarity facing utility

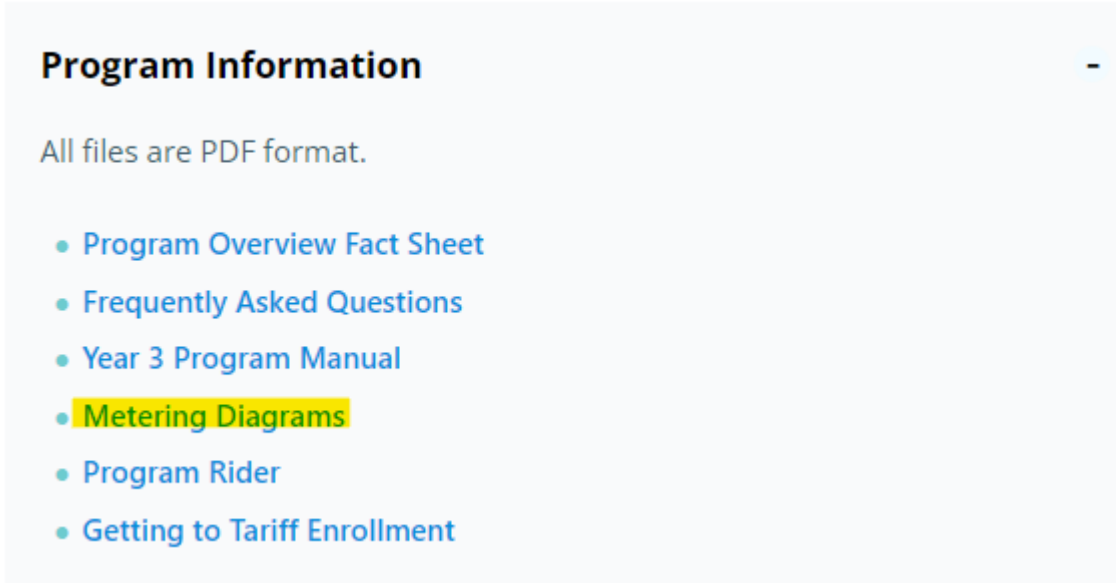
- Conduits for conductors MUST NOT enter the bottom. Space at bottom of current transformer cabinet required for mounting voltage transformers

- See the Eversource I&R book for all construction requirements.

NRES Metering Diagrams Location

Eversource.com/NRES
UI.com NRES drawings

Toward the bottom of the page, expand the Program Information section and click on Metering Diagrams



Buy-all Incentive Guidance

- Please refer to the latest meter diagrams for guidance on system design.
- Projects applying to the Buy-all Program will require a new service request and a site meeting with a representative from the Field Engineering and Design group. Point of interconnection will be reviewed at the site meeting.
- Buy-all projects follow the same rules as a new service as outlined in the Eversource I&R book.
- If there is an existing service and a larger transformer is required, a new one can be installed at the customers expense up to the maximum service size as described in the I&R book, assuming it is the same voltage that the site currently uses and is in an approved location at the site, etc.
  - Eversource's largest 3-phase service is 3000 amps (2500 kva padmount), if the combined load and DER service will exceed that size a written agreement will be required that no load can be added to the DER service. Single phase maximum service size is 1200amps, (250kva pad mount) and falls under the same requirements. See I&R book for more information.
- Disconnects for cold-sequencing cannot be used as the AC disconnect for PV. An additional disconnect after the meter must be installed for PV isolation.
- Any customer owned transformer must be installed after the Buy-All revenue/production meter.

Technical Questions or Concerns on Metering

Please reach out to scott.d.miller@eversource.com for questions regarding:

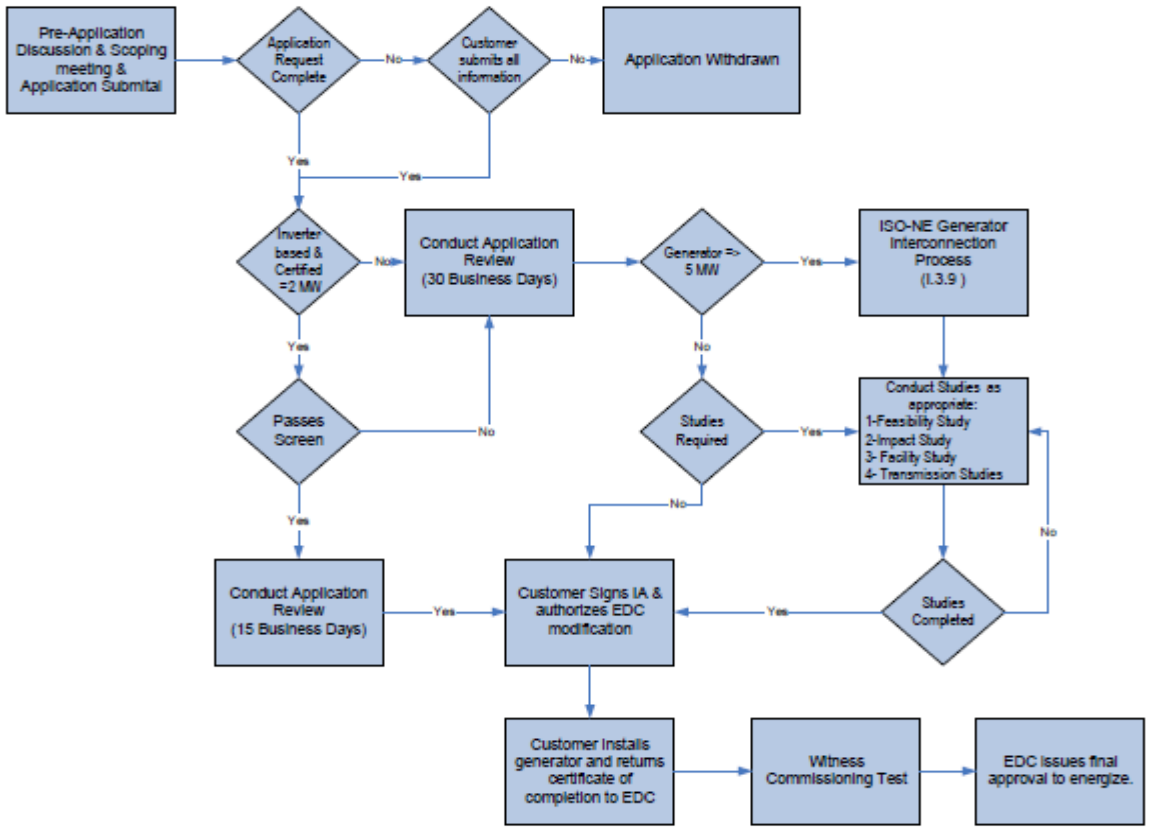
- Meter equipment or switchgear for NRES Buy-all or netting projects
- Pre-construction meetings
- Relocation of meters
- Technical questions on installation

Guidebook of Requirements for Electric Service - (link) UI's Territory

United Illuminating (UI) DG Interconnection Services

Unsubmitted → Signatures and Payment → Payment Error | On Hold → Application Review → Application Corrections Required → Contingent Approval → Pending Electrical Inspection → Meter Installation → Witness Testing → Approval to Energize → Online

Figure 1: Interconnection Process Flow Chart



Questions

Contacts

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Eversource NRES Team:

ctcommrenewables@eversource.com