UI
An Avangrid company

EVERSOURCE

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NON-RESIDENTIAL RENEWABLE ENERGY SOLUTIONS PROGRAM

INFORMATIONAL WEBINAR & BIDDERS CONFERENCE

JANUARY 23, 2024

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

BACKGROUND & OVERVIEW

Questions

- Meeting Chat
  - 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

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

Year 3 NRES Key Program Updates

- Two-week window reinstated for Small category
- Small category will be open as long as the Competitive Size Categories
- Updated price caps for Buy-All and Netting tariffs
- 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
- SAM Customer Hosts no longer required to own Project Site
- Projects qualify for the Distressed Municipality bid preference in the following scenarios:
  - Non-SAM Project sited in a Distressed Municipality
  - SAM Project with 100% of the State and/or Agricultural Beneficial Accounts located in Distressed Municipalities
  - SAM Project with 100% of the Municipal Beneficial Accounts located in Distressed Municipalities and owned by a Distressed Municipality or Municipal Beneficial Accounts owned by a Distressed Municipality which is also paying for the Beneficial Accounts' electric service

Year 3 NRES Important Reminders

- Include DG INT number when applying for NRES if you've already submitted an application to DG
  - If you've already received an NRES award, include your NRES Bid ID/Project Number in your DG application
- For New Construction (non-buy-all rooftop) projects – Professional Engineer Certification must describe the anticipated building load, not just certify the system's anticipated production:

> New construction projects that are not SAM Customers are required to provide a Connecticut Licensed Professional Engineer Certification which certifies the anticipated Customer load at the Project Site, and how such Project shall be sized so as not to exceed such anticipated Customer load at the Project Site.

- Professional Engineer Certifications must use the form available on the EDCs' websites, and individual project documents may be attached after filling out our forms
- 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
- Eversource: All payment information for any single payee must be identical across all NRES program years

NRES Overview

- 2024 will be the third 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
- Projects less than or equal to 200 kW (AC) will be awarded on a first-come, first-served basis **subject to the two-week window** and are price-takers
- Projects greater than 200 kW (AC) are awarded based on lowest evaluated bid price and are price-makers
- State, Agricultural, and Municipal ("SAM") customers may be eligible for virtual net metering which allows them to provide any excess bill credit to other SAM customers
- Bidding will take place in an online bid portal
- Two annual solicitations per year
  - February=60% of program capacity, August=40% of program capacity plus any remaining MWs from February

Year 3 NRES Available Capacity - Eversource

Eversource Year 3 MW Allocations*						
Category	Project Size (AC)	Eversource Statutory MW/Year	Rollover from Year 2 RFP (MW)	February Solicitation 60% (MW)	August Solicitation 40% (MW)	Project Selection Process
Low Emission	≤ 5,000 kW	8	0.4	5.04	3.36	Competitive Solicitation
Large Zero Emission	≥1000 kW ≤ 5,000 kW	31	0.5001	18.90006	12.60004	Competitive Solicitation
Medium Zero Emission	>200 kW < 1000 kW	25	0	15	10	Competitive Solicitation
Small Zero Emission	≤ 200 kW	24	0.0204	14.41224	9.60816	First-Come, First-Served, subject to two-week window
Total Zero Emission		80	0.5205	48.3123	32.2082	

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

Year 3 NRES Available Capacity – United Illuminating

United Illuminating Year 3 MW Allocations						
Category	Project Size (AC)	UI MW/Year	Rollover from Year 2 RFP (MW)	February Solicitation 60% (MW)	August Solicitation* 40% (MW)	Project Selection Process
Low Emission	≤ 5,000 kW	2.0	2.0	2.4	1.6	Competitive Solicitation
Large Zero Emission	≥1000 kW ≤ 5,000 kW	7	0.2405	4.3443	2.8962	Competitive Solicitation
Medium Zero Emission	>200 kW < 1000 kW	8	0.0	4.8	3.2	Competitive Solicitation
Small Zero Emission	≤ 200 kW	5	0.1168	3.07008	2.04672	First-Come, First-Served
Total Zero Emission		20	2.3573	14.61438	9.74292	

*MW allocations may increase 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

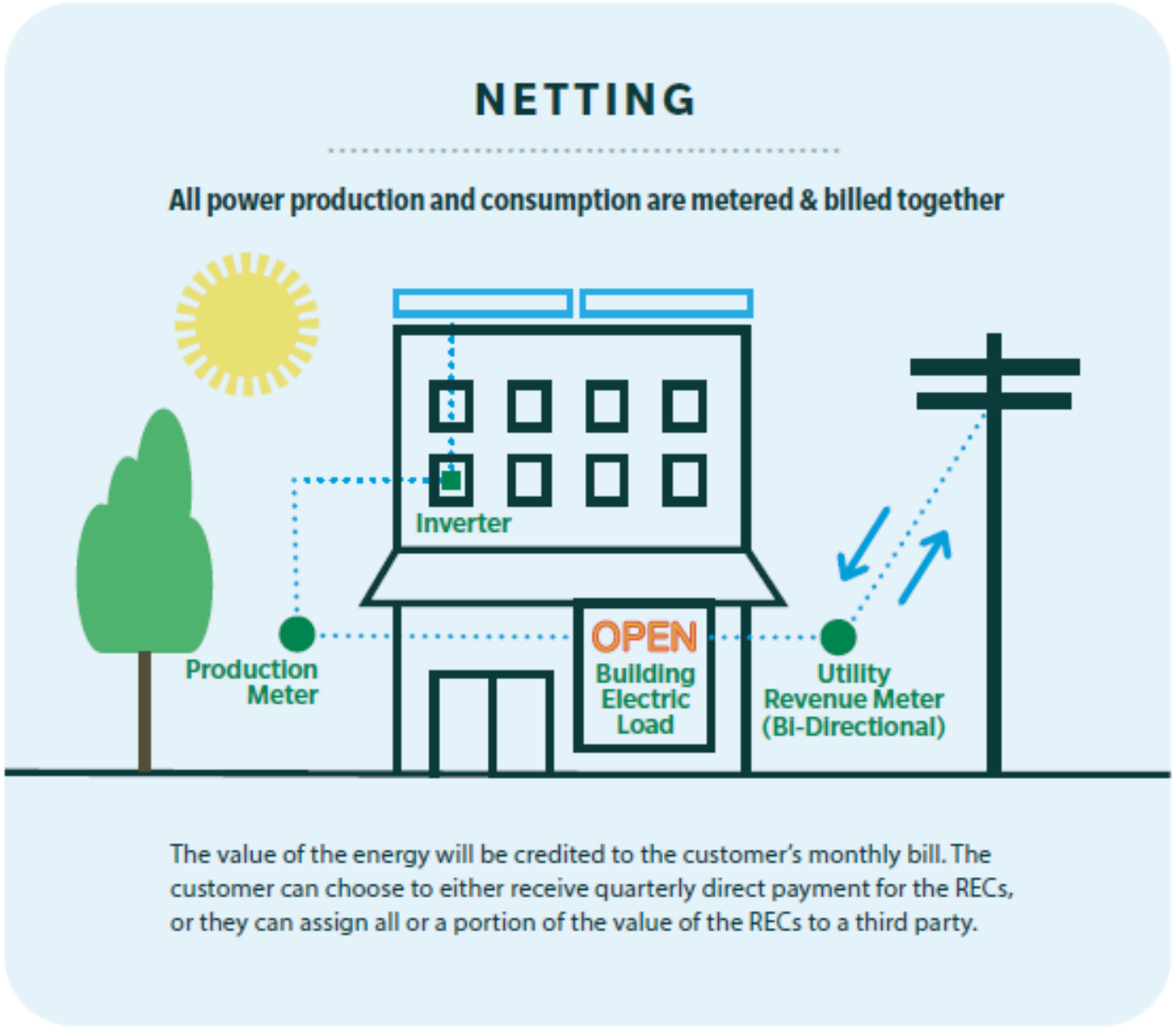
Netting Tariff

- 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 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: ≤ 1000kW and ≤ 5000kW ❑ Low Emission Category: ≤ 5000kW ❑ Has not received CT Green Bank incentives ❑ Projects that are not State, Agricultural, or Municipal Customers or Rooftop Projects, each Project shall be sized to not exceed the highest consecutive 12 months of load over five years prior

*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 Site 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 to be accepted into the NRES Program

Load Calculation Options	How to Meet:
❑ Historical Load	Bidder must provide the historical load for the project site. The total generation Bid for all awards cannot exceed the highest consecutive 12-month load over the past five years prior to date of Bid Submission.
❑ Historical Load Based on SAM Beneficial Accounts Load	For SAM customers, the load data for up to five Beneficial Accounts must be provided to support the Bid. 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	Select during the Bid Portal Application whether Beneficial Electrification measures will be implemented in the next five years – project is required to bring proof of measures installed ON or BEFORE five years from the project In-Service Date or compensation will be adjusted accordingly.

*Buy-All Rooftop 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 them. In NRES, SAM customers can provide load data for up to five Beneficial Accounts to support the Bid.

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	Each Customer Host that seeks to allocate excess bill credits to Beneficial Accounts must submit a BACAF in order 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

2024 Price Caps and Tariff Rates

	Buy-All Price Cap ($/MWh)	100% Solar Carport/Canopy Price Cap ($/MWh)	Netting Rate
Small Zero Emission Tariff Rate	$199.82	N/A	Dependent upon EDC, Size Category, Retail Rate, Technology, and Solar Carport/Canopy (Refer to RFP/Bid Calculator)
Medium Zero Emission Price Cap	$188.90	$269.86	
Large Zero Emission Price Cap	$145.97	$208.53	
Low Emission Price Cap	$159.00	$227.14	

Application/Bidding Process for February RFP

Medium and Large Zero Emission, Low Emission Categories	
Process	• Bid window opens on 2/1/24 at 1pm • Bid forms due 3/14/24 at 1pm • Bids are screened for eligibility, all eligible bids are ranked from lowest to highest evaluated bid price after applicable bid preferences, awarded until category capacity is reached
Price Caps	• The competitive bid process allows Bidders to submit Bids up to the established price caps • 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 Standard 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 • One round of project selection in February • Two-week window opens 2/1/24 1pm, closes 2/14/24 1pm • Bid window closes for all categories on 3/14/24 1pm
Tariff Rate	• Buy-All: $199.82/MWh • Netting: Dependent upon the EDC, retail rate, technology type, and bid preference

*Times shown are in Eastern Standard Time.

February RFP Schedule*

Action Item	Date
Bidders Conference – Webinar Only	January 23, 2024
Deadline for Submission of Questions	January 30, 2024
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 1, 2024 at 1:00:00 p.m. (Eastern Prevailing Time "EPT")
Close of Two-Week Window for Small Zero Emission Category	February 14, 2024 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	March 14, 2024 by 1:00:00 p.m. (Eastern Prevailing Time "EPT"), at which time the Pricing shall become firm, irrevocable and binding.
Selection and Notification of Winning Bidders for All Categories	On or about May 3, 2024
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 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 3

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 3

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 3

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%

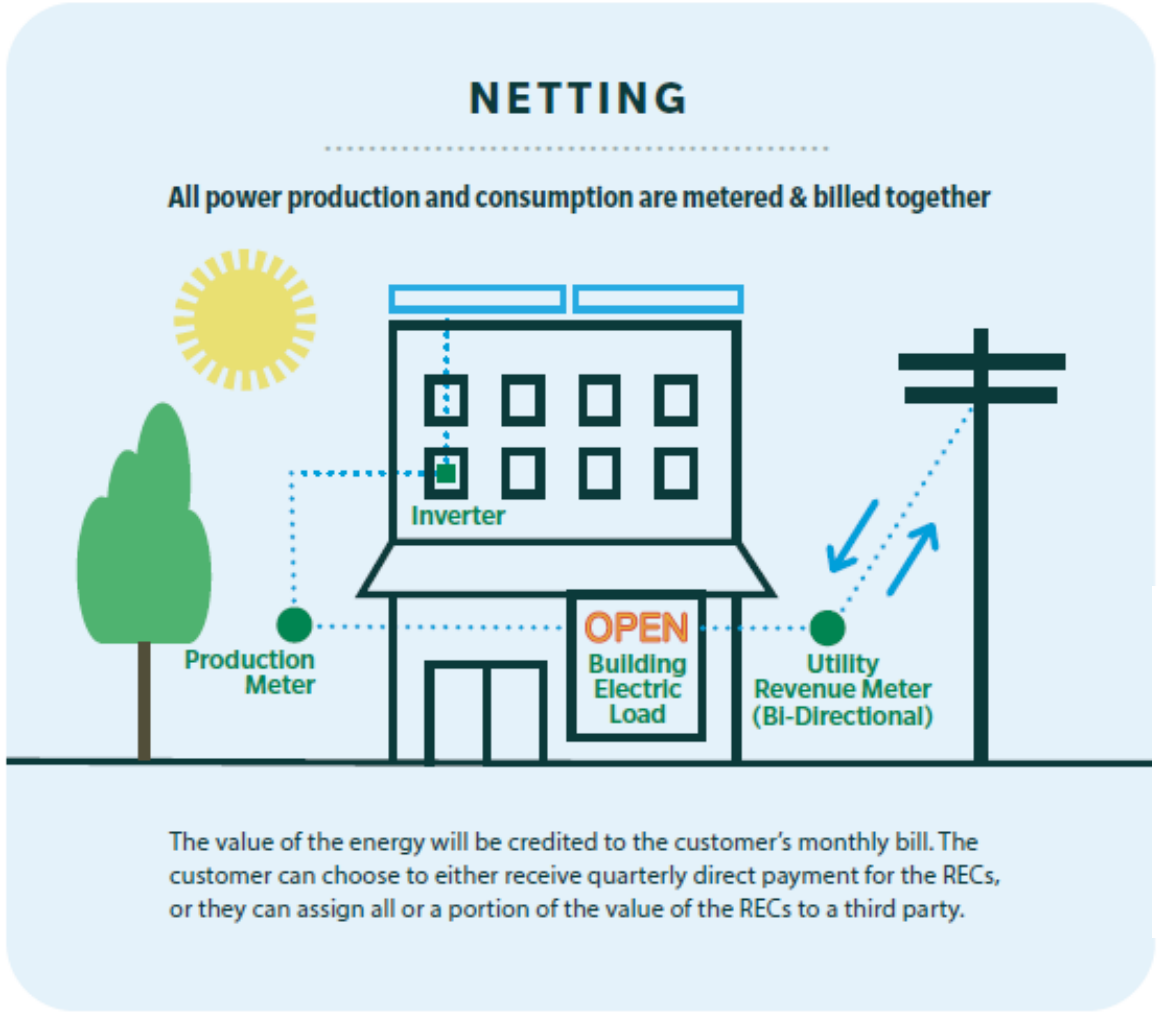
Checklist of Required Bid Documents

	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)
☐	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 = $1,946.80	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

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

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

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

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?

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.

- 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
- 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.

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.**

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 import for current transformer cabinets. Eversource has specific models of 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.**

600 – 1600 AMP COMBINATION CIRCUIT BREAKER AND INSTRUMENT TRANSFORMER ENCLOSURE

120/240 Volt and 208Y/120 Volt Services, with BAR TYPE Current Transformers.
Check with Eversource for available fault current before ordering equipment.

MFR/ Rated Voltage	Interruption Duty Amps Sym @ Rated Voltage	600 Amp	800 Amp	1,000 Amp	1,200 Amp	1,600 Amp
Eaton:						
120/240	65,000	WBM	WBM	WBM	WBM	
208Y/120	65,000	WBM	WBM	WBM	WBM	PRL-C
208Y/120	65,000	PRL-C	PRL-C	PRL-C	PRL-C	PRL-C
East Coast Power Systems:						
120/240	65,000	MBCT6SB1	MBCT8SB1	MBCT10SB1	MBCT12SB1	-
208Y/120	100,000	MBCT6HB1	MBCT8HB1	MBCT10HB1	MBCT12HB1	-
General Electric:						
		Spectra Series				
120/240	65,000	I, II, III, IV	I, II, III, IV	I, II, III, IV	I, II, III, IV	I, II, III, IV
208Y/120	100,000	I, II, III, IV	I, II, III, IV	I, II, III, IV	I, II, III, IV	I, II, III, IV
Murray:						
120/240	65,000	CBCT636LX	CBCT836M6	-	-	-
208Y/120	100,000	CBCT636HL	CBCT836HM	CBCT1036HN	CBCT1236HN	-
RSE-Sierra:						
208Y/120	As Specified	Custom	Custom	Custom	Custom	Custom
208Y/120	As Specified	SB	SB	SB	SB	SB
Siemens IT:						
120/240	65,000	BCT636LXD6	BCT836LMXD6	-	-	-
208Y/120	100,000	BCT636HLD6	BCT836HMD6	BCT1036HND6	BCT1236HND6	-
Square D:						
120/240	65,000	CTC-366CU	CTC-368CU	-	-	-
208Y/120	65,000	CTC-366CU	CTC-368CU	CTC3610CU	CTC3612CU	-
208Y/120	65,000	QED	QED	QED	QED	QED

600 – 1600 AMP COMBINATION CIRCUIT BREAKER AND INSTRUMENT TRANSFORMER ENCLOSURE

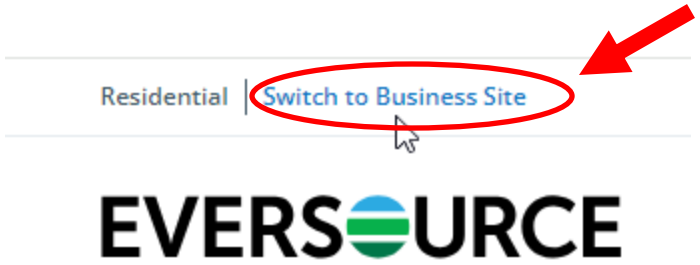
480Y/277 Volt Services • Cold Sequence,
BAR TYPE Current Transformers and Voltage Transformers must be installed in the same compartment.
Check with Eversource for available fault current before ordering equipment.

MFR Rated Voltage	Interruption Duty Amps Sym @ Rated Voltage	600 Amp	800 Amp	1,000 Amp	1,200 Amp	1,600 Amp
Eaton:						
480Y/277	65,000	WBM	WBM	WBM	WBM	PRL-C
480Y/277	65,000	PRL-C	PRL-C	PRL-C	PRL-C	PRL-C
East Coast Power Systems:						
480Y/277	35,000	MBCT6SB1	-	-	-	-
480Y/277	50,000	MBCT6SB1	MBCT8SB1	MBCT10S81	MBCT1081SB1	-
480Y/277	65,000	MBCT6HB1	MBCT8HB1	MBCT10HB1	MBCT1081HB1	-
General Electric:						
		Spectra Series				
480Y/277	100,000	AV I, II, III & V	AV I, II, III & V	AV I, II, III & V	AV I, II, III & V	AV I, II, III & V
Square D:						
480Y/277	65,000	QED II	QED II	QED II	QED II	QED II

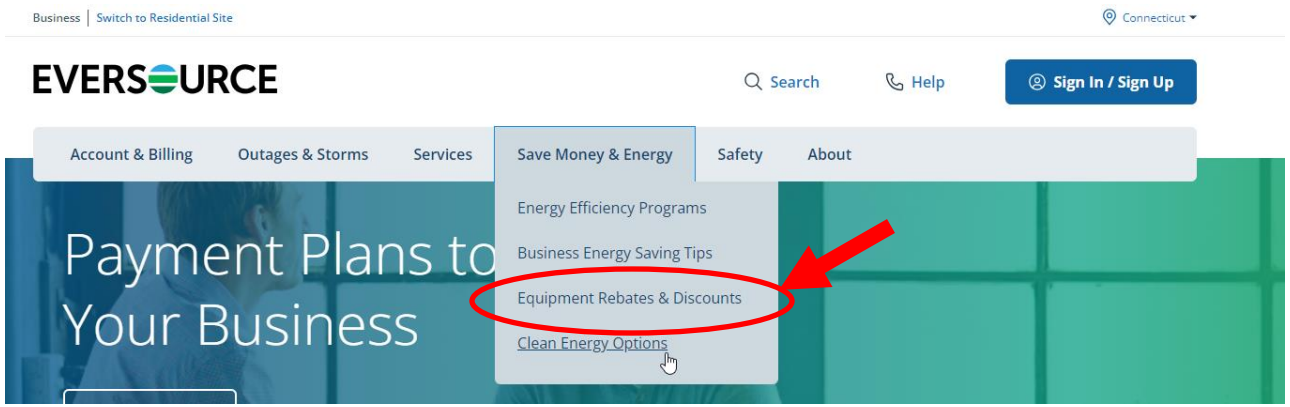
NRES Meter Diagrams Location

Please ensure that the latest metering diagrams are reviewed. Metering diagrams can be found on the Eversource business site. To find the latest diagrams:

1. Go to Eversource.com
2. Click on *Switch to Business Site* near the top left corner of the screen

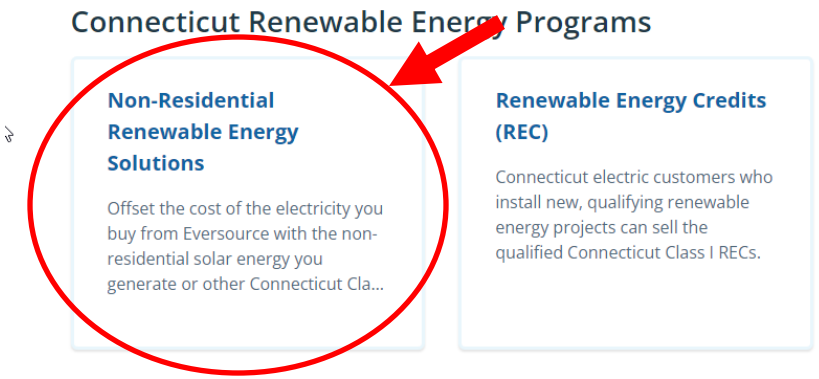


3. Click On Save *Money & Energy* > *Clean Energy Options*

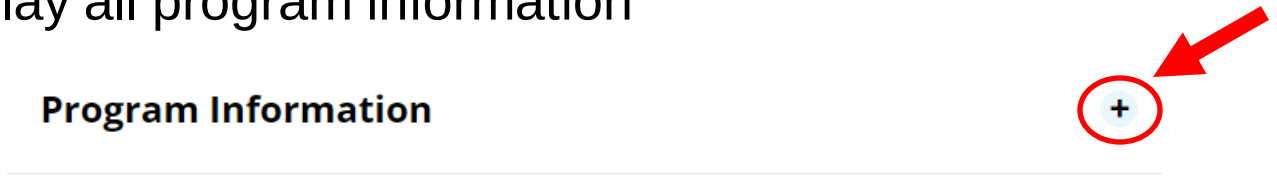


NRES Meter Diagrams Location

4. Scroll down the page and click on *Non-residential Renewable Energy Solutions*

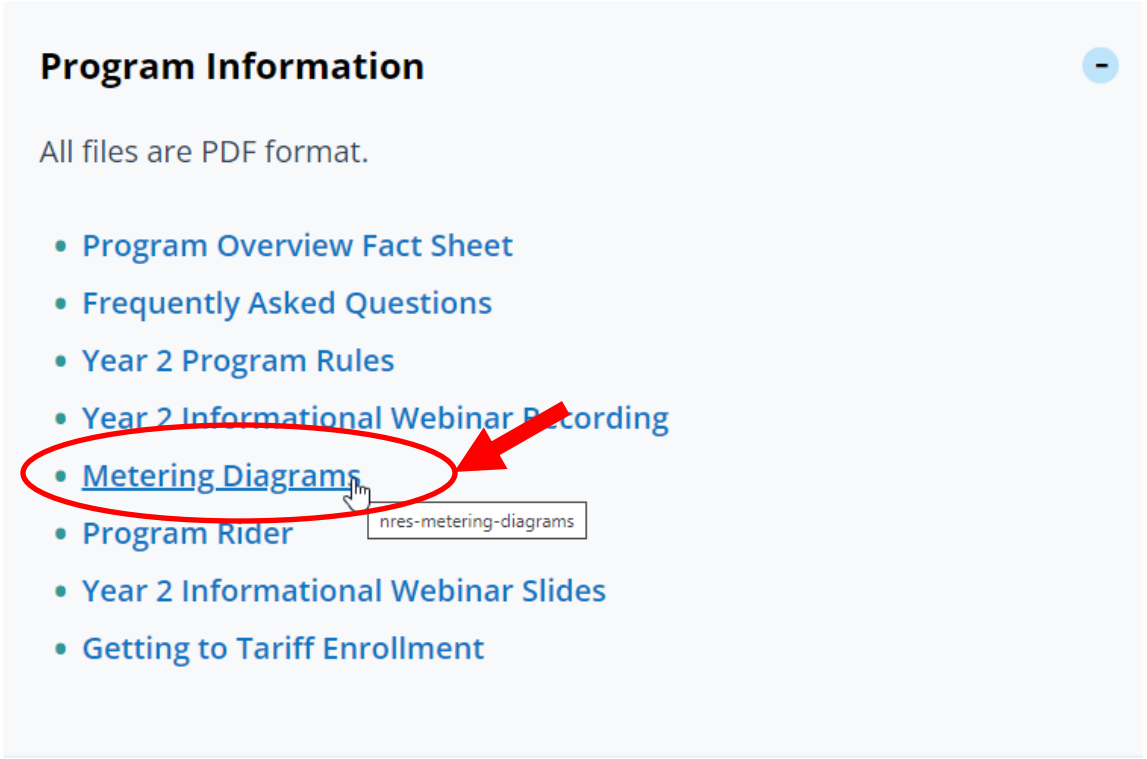


5. Scroll down to the bottom of the page to the Program Information section and click the “+” to display all program information



NRES Meter Diagrams Location

6. Click on *Metering Diagrams* to display the diagrams in a pdf format



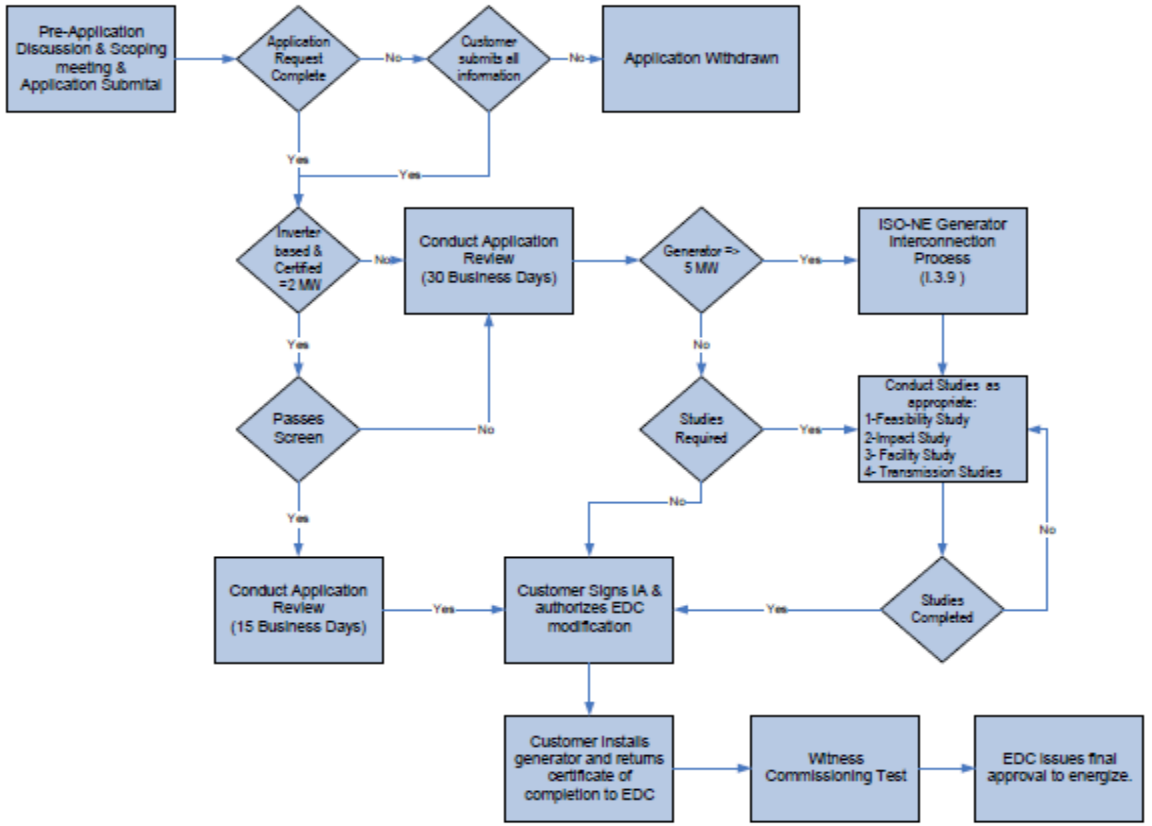
Buy-all Incentive Guidance

- 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. Line-side taps to existing gear are only allowed if approved by Eversource's Field Engineering and Design group after a site visit. Not all situations permit the use of a line-side tap.
- 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

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

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