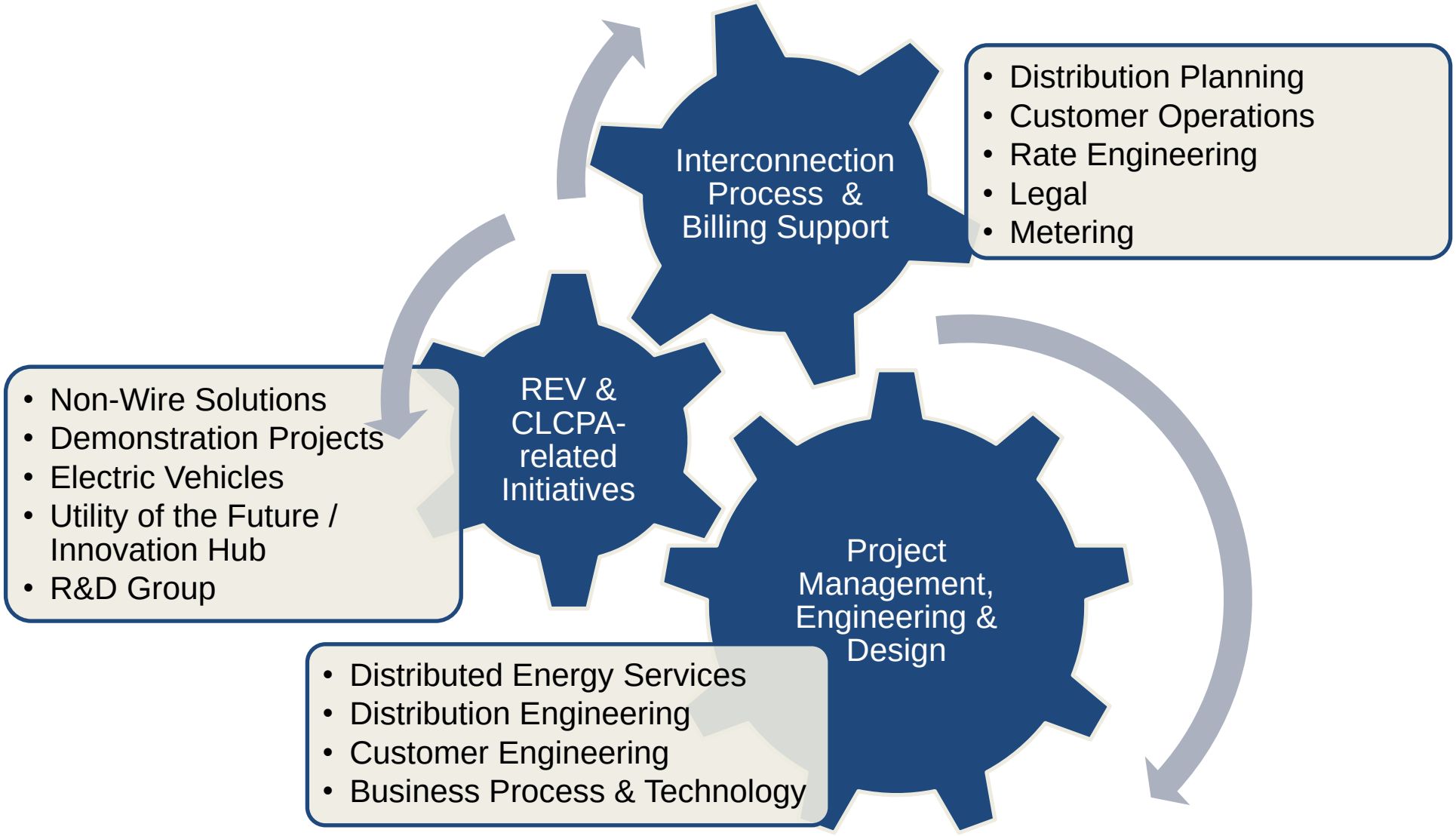

# CUNY 2022 Solar + Storage Installer Workshop

3/31/2022

# Con Edison Supports Interconnection via Various Internal Teams

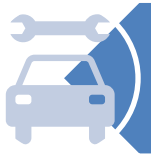


# CUNY– Agenda for Con Edison Showcase

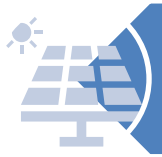
Non-Wires Solutions – Energy Storage Incentives

Demand Response Program Participation

NYC Electric Vehicle (EV) Program



EV Interconnection Process



Customer Operations Update for Solar and Storage

Visit our website @ www.coned.com/dg or contact dgexpert@coned.com for any DER related questions.

# Non-Wires Solutions

March 31, 2022

conEdison

# Current CECONY Non-Wires Solutions ("NWS")

NWS are portfolios of demand-side reduction projects designed to cost effectively defer or eliminate electric system capacity upgrades while helping to meet REV/CLCPA goals

NWS has been integrated into our utility capital planning process, with new projects assessed as capacity expansion needs arise

<u>Active Portfolios</u>

Brooklyn Queens Demand Management Program

- Designed to defer new Gateway Substation
- Brownsville #1 and #2 138kV Supply
- Commenced in 2014 and extended in 2018

Newtown

- Designed to defer transfer from Newtown to North Queens
- Commenced in 2019 for deferral from 2021 to 2025

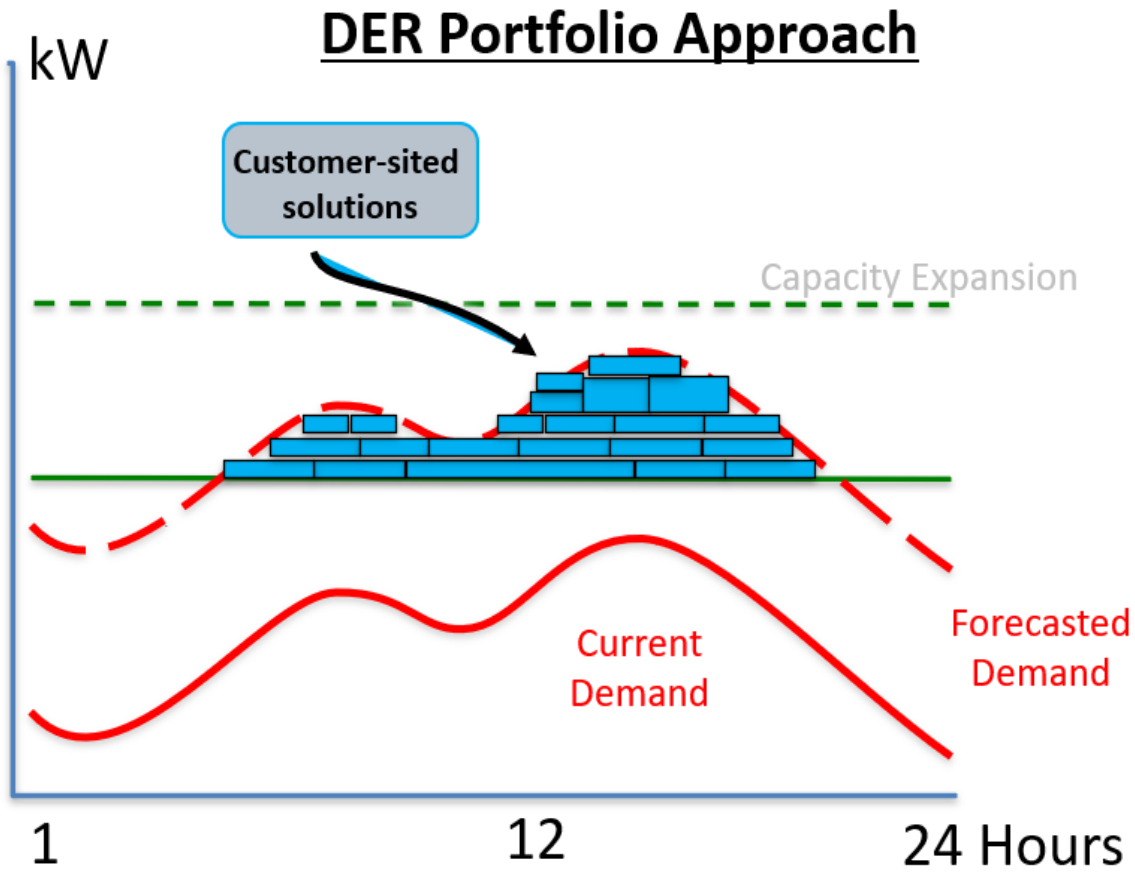
<u>Closed Portfolios</u>

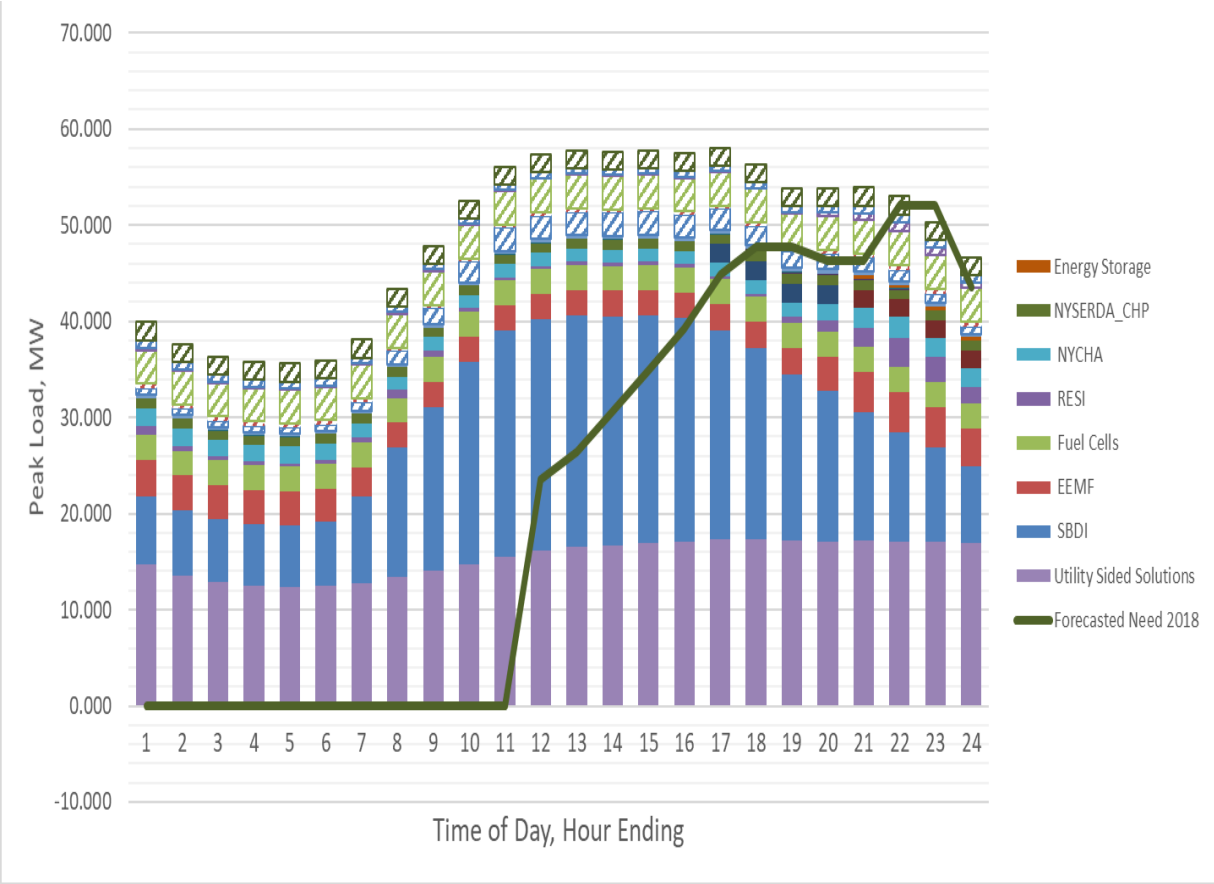
Water Street

- Eliminated a cooling and reconductoring projects at Water Street, Plymouth Street, and Farragut Supply Stations
- Commenced in 2018 for reductions needed for 2019 through 2021

# Portfolio Development

Utilize a portfolio-based approach of customer-sided solutions to reduce risk, meet peak demand and meet operational needs of the system



# Current and Future EE/DER Programs

BQDM · Water Street · Newtown · In Market · Expected to Continue

| Technology | Customer Segment | Portfolio | 2016-2019 | 2020-2021 | 2022+ |
|---|---|---|---|---|---|
| Energy Efficiency | Residential 1-4 EE Direct Install | ▲ ● | In Market | | |
| | Multi-Family EE Adder | ▲ ● ⬟ | In Market | In Market | Expected to Continue |
| | Small-Business EE Adder | ▲ ● ⬟ | In Market | In Market | Expected to Continue |
| | Commercial & Industrial EE Adder | ▲ ● ⬟ | | In Market | Expected to Continue |
| | Public Partnerships (DCAS, NYCHA, NYPA) | ▲ ● ⬟ | In Market | In Market | Expected to Continue |
| Energy Storage | Commercial & Industrial, Multi-Family, Residential | ▲ ● ⬟ | In Market | In Market | Expected to Continue |
| Combined Heat & Power | Commercial & Hospitals | ▲ | In Market | In Market | Expected to Continue |
| Fuel Cells | Commercial, Multi-Family & Hospitals | ▲ ● | In Market | In Market | Expected to Continue |

**Residential**

**Multi-Family**

**Small Business**

**C&I**

**Fuel Cells/CHP**

**Energy Storage**

# Energy Storage

NWS procures grid connected or load following battery energy storage to support local distribution system needs during the hottest times in the summer

**Customer Services**

- Demand charge reduction and facility/local system peak demand shaving
- Resiliency and back-up power applications when paired with alternative generation sources (solar/fuel cells)
- Retail energy arbitrage

**System Needs**

- Focus on “customer-sided” solutions
- Meter configuration site specific, both front “FTM” or behind the meter “BTM” accepted
- Minimum 4-hour system duration, though dynamic discharge or longer duration may be needed in future years
- Interconnection in accordance with NYS Standard Interconnection Review
    - Must be interconnected to the reliability standard of the area of the site

# Energy Storage

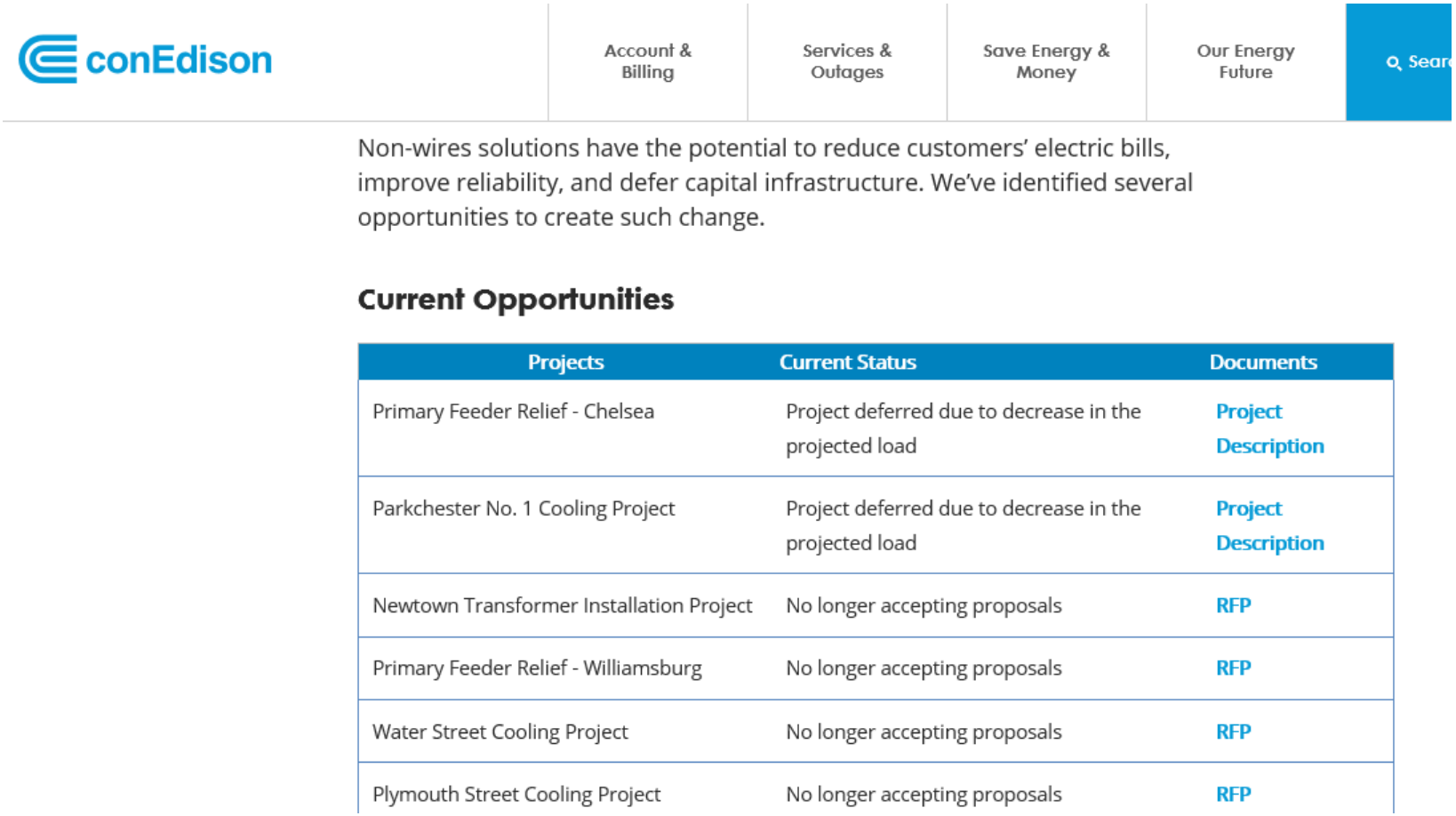
NWS contracts for first dispatch rights with 21h notice on event days during the summer that can span from May-September over a 10-year performance contracts

**Revenue Structure**

- NWS Direct Payment Structure:
  - 50% incentive payment at Operational Date
  - 5% annually for each Summer period
- Must meet NWS dispatch requirements before any other arrangement with the customer or applicable revenue markets
- Maximize current and future ESS revenue streams
  - Share revenue streams from NYISO market participation 75% to Con Edison, 25% to the Vendor
  - Current contract obligation helps buy-down costs to Con Edison customer
- Not eligible for Con Ed's Demand Response/Direct Load Control incentives while under contract

# Stay Informed on Upcoming Solicitations

## Non-Wires Opportunities



conEdison | Account & Billing | Services & Outages | Save Energy & Money | Our Energy Future | Sear

Non-wires solutions have the potential to reduce customers' electric bills, improve reliability, and defer capital infrastructure. We've identified several opportunities to create such change.

**Current Opportunities**

| Projects | Current Status | Documents |
|---|---|---|
| Primary Feeder Relief - Chelsea | Project deferred due to decrease in the projected load | Project Description |
| Parkchester No. 1 Cooling Project | Project deferred due to decrease in the projected load | Project Description |
| Newtown Transformer Installation Project | No longer accepting proposals | RFP |
| Primary Feeder Relief - Williamsburg | No longer accepting proposals | RFP |
| Water Street Cooling Project | No longer accepting proposals | RFP |
| Plymouth Street Cooling Project | No longer accepting proposals | RFP |


Lindsay O'Neill-Caffrey

*Program Manager, Non-Wires Solutions*

Coned.com/neighborhood

*DSM@coned.com*

# Demand Response

**Demandresponse@coned.com**

## CUNY Workshop

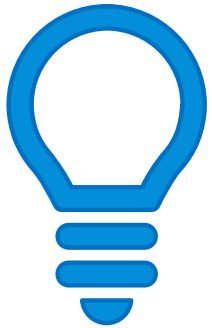
# How Do Customers Provide Load Relief?

## Curtailment and Generation

- Load Reduction
  - HVAC
  - Lighting
  - Unnecessary Equipment
  - Elevator Banks
  - Production Lines
- Distributed Generation
  - Gas-Fired
  - Diesel (conditional)
  - Batteries

# Eligibility Requirements

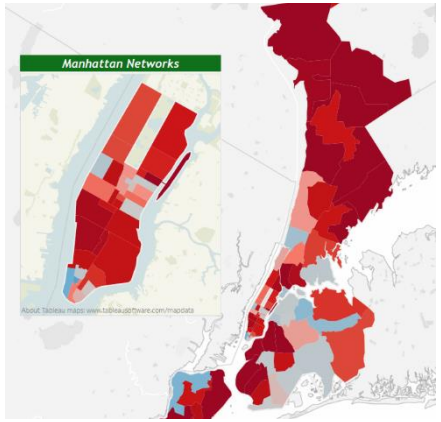
## Metering & Minimum Pledge



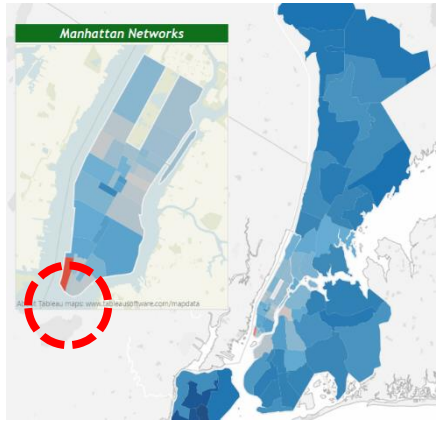
- Customer must have a legacy interval meter or an AMI meter
  - Large customers get an interval meter at no cost
  - In the past small customers had to pay for interval meter installation
- Customers with AMI meters are eligible to participate
- Minimum of 50kW as direct participant or by working with an approved Aggregator

# Demand Response

## CSRP/DLRP




- Commercial System Relief Program (CSRP)
  - System wide activation
    - Day-Ahead Forecast ≥ 92% of summer peak
    - Day Ahead TV ≥ 84 degrees




- Distribution Load Relief Program (DLRP)
  - Dispatched by network
    - Next Contingency ➔ Condition Yellow
    - Active Voltage Reduction

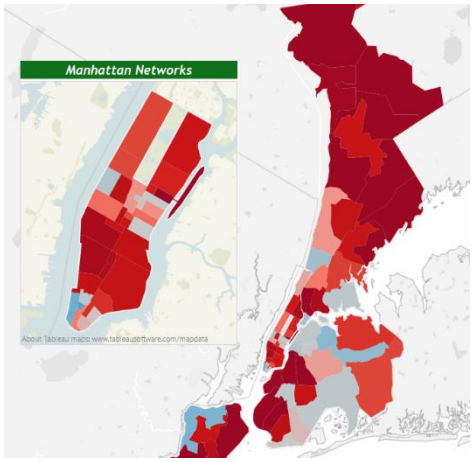
# Term- and Auto-DLM Overview

## Long Term Contracts for DR Resources

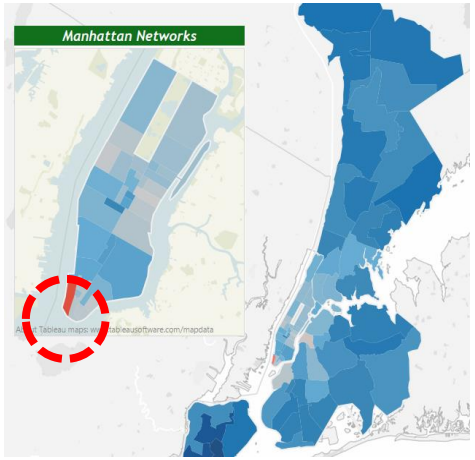
- Long term DR contracts (3 – 5 years)
  - Aggregations (Network, load relief amount, annual per kW incentive rate, program type)
  - Higher performance requirements
- Competitively procured long term contracts vs. yearly enrolled Rider T programs
- Contracts are awarded through a Request for Proposal (RFP) process
- Participants can seek 3-5 year contracts
- Capability Period for both programs is May 1 through September 30
- Bidders provide a single per kW Incentive Rate for each bid which determines annual per kW compensation

# Term– and Auto–DLM

## Program Overview




- Term – DLM
  - Day ahead peak shaving (Similar to CSRP)
  - System wide activation
    - Day-Ahead Forecast ≥ 88% of summer peak

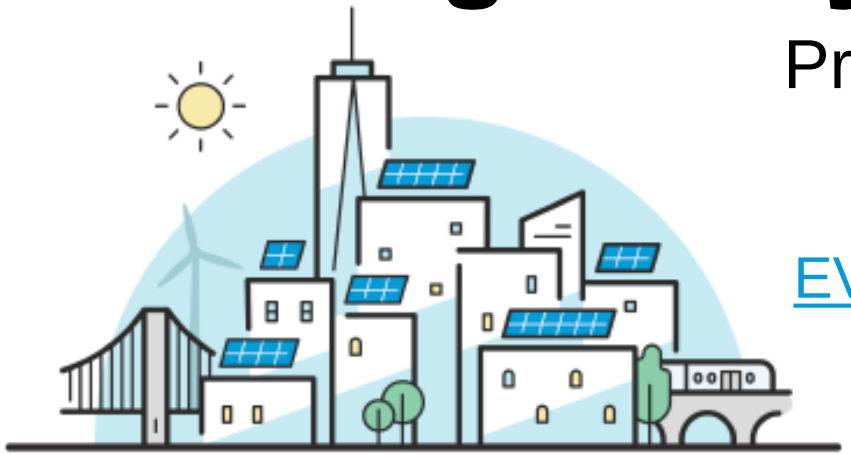



- Auto – DLM
  - Peak shaving and contingency
  - System wide and/or one or several networks
    - 10 min. notifications

# EV Light-Duty PowerReady Program

Program Overview

CUNY



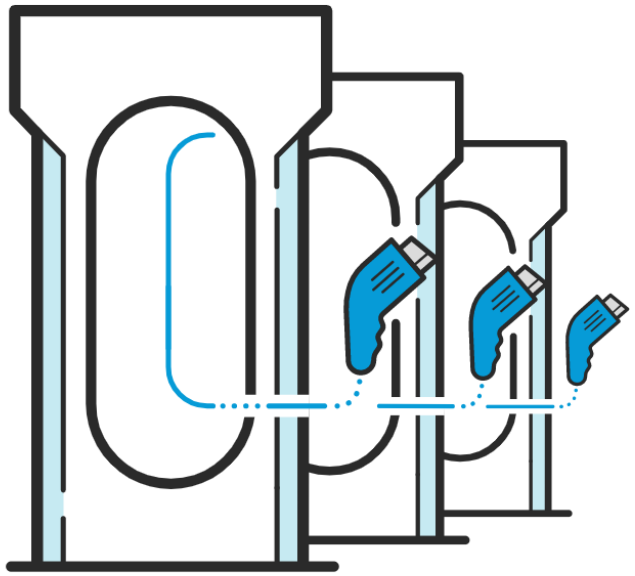
EVMRP@coned.com

# Con Edison Light-Duty PowerReady Program Overview

As Authorized in NY PSC July 16, 2020 Order

## PowerReady (Make-Ready) Program Funding

- $234M in incentive funds for customer and utility side work to provide service to L2 and DCFC chargers in NYC and Westchester



## 5-Year Program Start Date: July 16, 2020

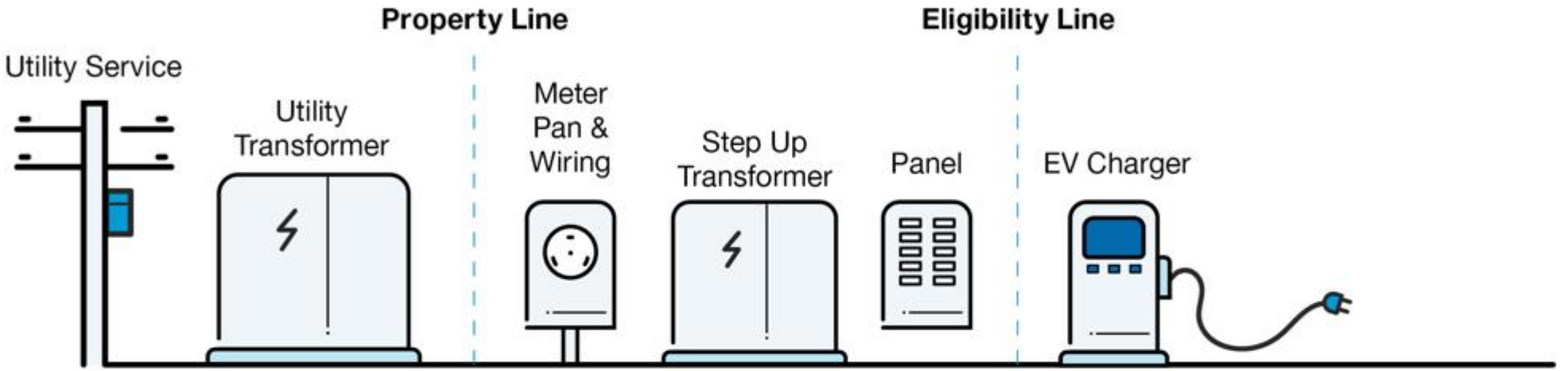
- Any project not under construction as of that date is eligible

## Program Plug Goals (2025)

- 18,539 L2 plugs
- 457 DCFC plugs

# Con Edison's PowerReady Program provides incentives for utility-side and customer-side work

## What's Eligible?




**Eligible For PowerReady Incentives**

- Customers may be required to pay for grid upgrades in excess of Con Edison's design requirements
- Panel
- Conduit
- Trenching
- Design
- Permitting
- Step Up Transformers
- Wiring
- Customer Switchgear

**Not Eligible for PowerReady Incentives**

- Signs
- Bollard
- Network
- Maintenance
- Pedestal
- Charging Station
- Network Equipment
- Station Installation

**Con Edison Constructs** | **Customer Constructs**

# PowerReady Eligible Equipment

| PowerReady Eligible Equipment | Ineligible Equipment |
|---|---|
| Distribution Network | Charging Station |
| Transformers | Network Equipment |
| Meter | Station Installation |
| Conductors | Signs |
| Panel | Lighting/Lighting Column |
| Boring | Rectifier |
| Trenching | Bollards |
| Conduit | Maintenance Fees |
| Permitting | Assoc. Fees |
| Design Costs | Retractor Pole |
| Project Management | Shipping Costs |
| Sidewalk Excavation and Restoration | Charger Pedestal/Concrete Pads |
| Customer Requested Outages | Sales Tax & GRT |
| Transformer Concrete Pads | |

**List is not exhaustive and subject to change**

# Level 2 Chargers vs. DC Fast Chargers

| | Level 2 Charging Station | DCFC Charging Station |
|---|---|---|
| Current / Voltage | AC / 240 V | DC / 480 V |
| Plug (Connector) Types | J1772, Tesla | SAE Combo (CCS); CHAdeMO; Tesla |
| Miles of Range per Hour | ~25 (for 7 kW) | 100+ depending on power |
| Time to Charge (depends on range of vehicle) | 6-8 hours | 30 minutes |
| Best Applications | Multifamily, C&I, workplace charging, locations with dwell time of an hour + | Short stops, highway routes, dedicated fast charging hubs |
| Minimum # of plugs that can receive rebate | 2 | 2 |
| Maximum # of plugs that can receive rebate | No maximum | 11+ will have to go through additional eligibility review |

**Note:** All statistics above vary based on charger kW, car battery size and operations

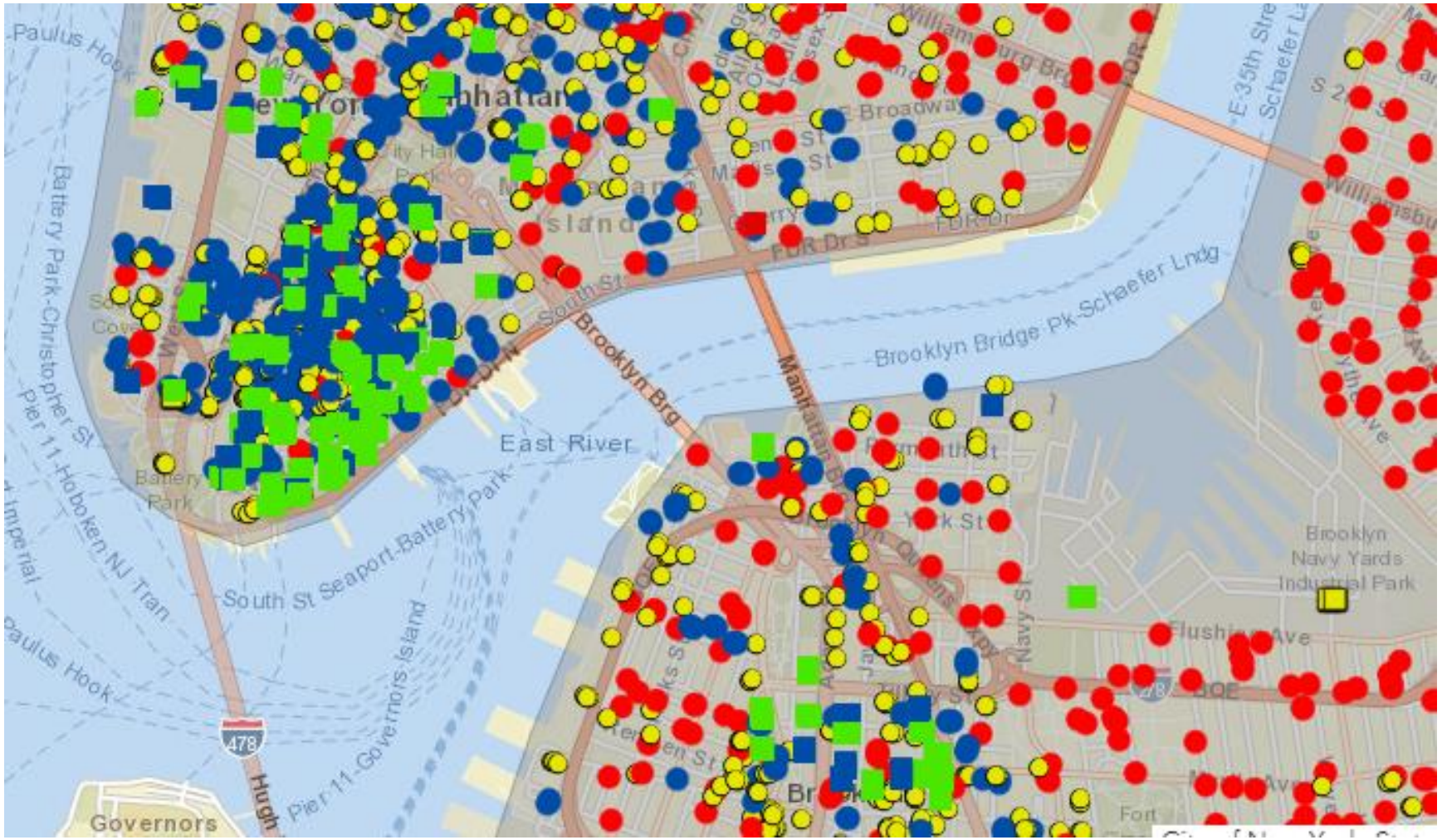
# The tiered incentive structure provides ‘up to’ a certain level of incentive based on various criteria

| | Non-Publicly Accessible Sites | Publicly Accessible Sites |
|---|---|---|
| **Proprietary Plugs (e.g., CHAdeMo, Tesla)** | Up to 50% | Up to 50% |
| **Non-Proprietary Plugs (e.g., SAE J, CCS)** | Up to 50% | Up to 90% |
| **Non-Proprietary & Proprietary Plugs Collocated (Equal Number of Plugs)** | Up to 50% | Up to 90% |

***Incentive dollars will be capped, additional incentives may be available for Disadvantaged Communities***

**Publicly accessible is defined as free access to charging station by electric vehicle owners during hours that customers/tenants have access. Municipal parking exempt from free access requirement.**

# Participant Support Tools: EV load capacity maps show network transformer capacity, voltage, and feeder headroom




460v Transformers

- >1000 kVA
- 500 kVA to 1000 kVA
- 200 kVA to 499 kVA
- < 200 kVA

208v Transformers

- > 1000 kVA
- 500 kVA to 1000 kVA
- 200 kVA to 499 kVA
- < 200 kVA

Load Capacity for 3PH Feeders

EV Load Capacity

- > 1.5 MW Capacity Remaining
- .6 MW to 1.5 MW Capacity Remaining
- < .6 MW Capacity Remaining

No Load Capacity for 1PH and 2PH Feeders

Disadvantaged Communities

# Additional eligibility requirements to participate in PowerReady

| | |
|---|---|
| Approved Contractor | • **Customer-side work** must be completed by an Approved Contractor<br>• To become an Approved Contractor, interested entities must complete and submit a **Participating Contractor Application**, available at jointutilitiesofny.org |
| Participant Application Submittal | • Any customer-side party (e.g., **developer, site host, approved contractor**) can submit the Participant application<br>• The Participant that **signs the program agreement** takes on reporting and other responsibilities |
| Station Size | • Station sizes must be a **minimum of 2 plugs**<br>• If the demand of your DCFC charging station is over 2 MWs you will need to go through energy services to determine if its eligible for the program. Energy services will determine eligibility on a case-by-case basis.<br>• If you're installing more than 10 DCFC plugs at a single site, the number of plugs eligible for incentives may be capped at 10 plugs. Please contact EVMRP@coned.com for more information. |

# Approved Contractor Network

## Application requirements include:

- Company name and contact information
- Check box certifying that your company is registered and maintains credentials necessary to do business in NYS.
- Check box certifying that your company holds all appropriate licenses and certifications to perform EV charging station installs.
- Identify utility service territories your company provides services in.

## Apply to Approved Contractor network and be listed on Joint Utilities Program website.

## Benefits of Joining:

- Project leads
- Specialized training
- Monthly installer calls
- Marketing Support

## You can search the Approved Contractor Network by “Service Provided”

Central Hudson · conEdison · nationalgrid · NYSEG · RG&E · Orange & Rockland

**Service Areas**

- ☐ Central Hudson
- ☑ Con Edison
- ☐ National Grid
- ☐ NYSEG
- ☐ RG&E
- ☐ Orange & Rockland

**Services Provided**

- ☐ Manufacturing/ Distribution
- ☐ Engineering
- ☐ Electrical
- ☐ Construction
- ☐ Turnkey EVSE Developer
- ☐ Owner/Operator
- ☐ Other

| Name | Email | Phone |
|---|---|---|
| + +ChargePoint | kira.costanza@chargepoint.com | 270-246-3188 |
| + A.J. Contracting of NY LLC | augustjr@ajcontractingny.com | 914-667-8500 |
| + AAA EV CHARGING SOLUTIONS | find@solution.energy | 518-691-3119 |
| + Abbott Energy, Inc. | dfarrow@abbottenergy.com | 866-252-3739 |
| + ABM Electrical & Lighting Services | paul.dilollo@abm.com | 646-629-1335 |
| + Absolute Electrical Contracting | eifill@absoluteelectric.com | 646-208-1704 |
| + Accord Contracting and Management Corp. | liam@accordcontracting.com | 2122901777 |
| + Accord Power | info@accordpowerinc.com | 718-321-8820 |
| + Adco Electrical Corportation | rocchipinti@adcoonline.com | 917-445-2004 |

# There are operational requirements for Participants

| | |
|---|---|
| DCFC Plug Operating Requirements | • DCFC plugs **must be operational 95 percent of the time** (annually)<br>• DCFC charging **stations must be operational 99 percent of the time (annually),** with a minimum of 50 percent of the plugs considered to be “up” at all times |
| Operation Period | • All charging stations in the EV PowerReady Program must **operate for a minimum of five years**<br>• **Quarterly reporting** on charging station operations required for the following 5 years |
| Ownership Changes | • **Ownership of EV charging stations may change** or stations may be upgraded during the five year term, as long as the number of plugs and the capacity of the station does not decrease, and the site continues to meet all performance and reporting obligations of the Program |

# The EV PowerReady Program has a five-year quarterly reporting requirement

**The Joint Utilities are finalizing contracting with the 3rd-party consultant and expect to be reaching out to Participants with completed projects this year.**

| Data Type | Plug and Charging Session | Financial Information | Utility Energy and Billing |
|---|---|---|---|
| Who Provides Data | Participant to 3rd-party consultant | Participant to 3rd-party consultant | Utility |
| | | | |
| Data Requirements | • Number of sessions daily<br>• Start and stop times of each charge<br>• The amount of time each vehicle is plugged in per session<br>• Peak kW per charging session<br>• kWh per charging session<br>• Plug outage information | • Infrastructure and equipment costs<br>• Fee structure (e.g., cost per kWh, cost per session<br>• Charging revenues derived<br>• Operating costs, which should separate energy-related costs and non-energy related costs | Utility system and billing information for each EV charging station, including:<br>• 15-minute interval data<br>• Load profiles for charging stations for the top ten annual demand days<br>• Utility bills, which should differentiate by delivery service-related costs and energy-related costs |

Each PowerReady participant will be required to share data with the Joint Utilities and Department of Public Service on a quarterly basis. Failure to meet this requirement will result in ineligibility for PowerReady incentives and potential claw back of payments received.

# PowerReady incentives can be layered with other NY State incentive offerings

## SmartCharge NY

- Enrolled vehicles can receive a **$/kWh incentive and a monthly incentive** during summer months for charging off-peak
- Open to light-, medium-, and heavy-duty vehicles charging in the Con Edison territory

## Business Incentive Rate (BIR)

- Provides **reduced energy rates** (~35% rate reduction) for publicly accessible fast charging stations with a minimum capacity of 100kW
- Available through the end of 2025 for up to 30MW of EV charging.

## DCFC Per Plug Incentive (PPI)

Provides **annual incentive per plug** through 2025 for publicly accessible DC Fast Chargers that meet the following requirements:

- Charger connection with a minimum output of 50kW
- Charger uses a standard non-proprietary plug, or a proprietary plug that is co-located with at least two non-proprietary plugs

# Future Proofing

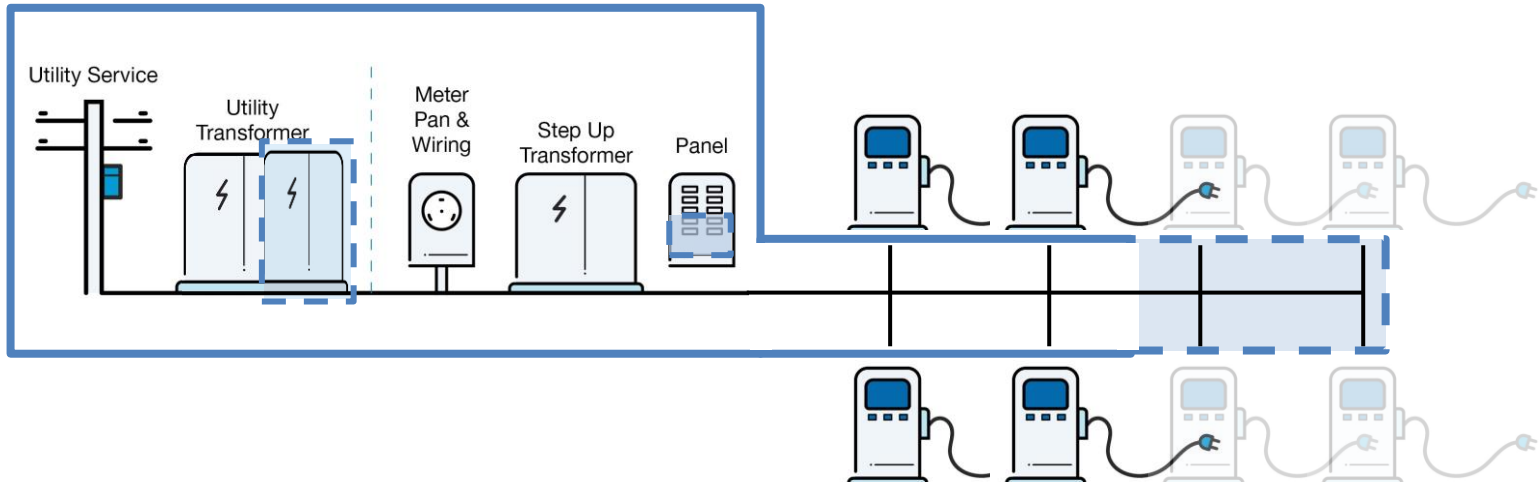
- PowerReady can provide additional incentives for future proofing – **building out infrastructure to handle chargers being installed in the future**

| **Eligibility criteria** | Include # chargers to be installed in future or desired additional power | Confirm availability of sufficient parking spaces to accommodate | Eligible future proofing dollars are capped at 10% of Make Ready costs |
|---|---|---|---|

## Example

Eligible Make Ready costs:
$100,000

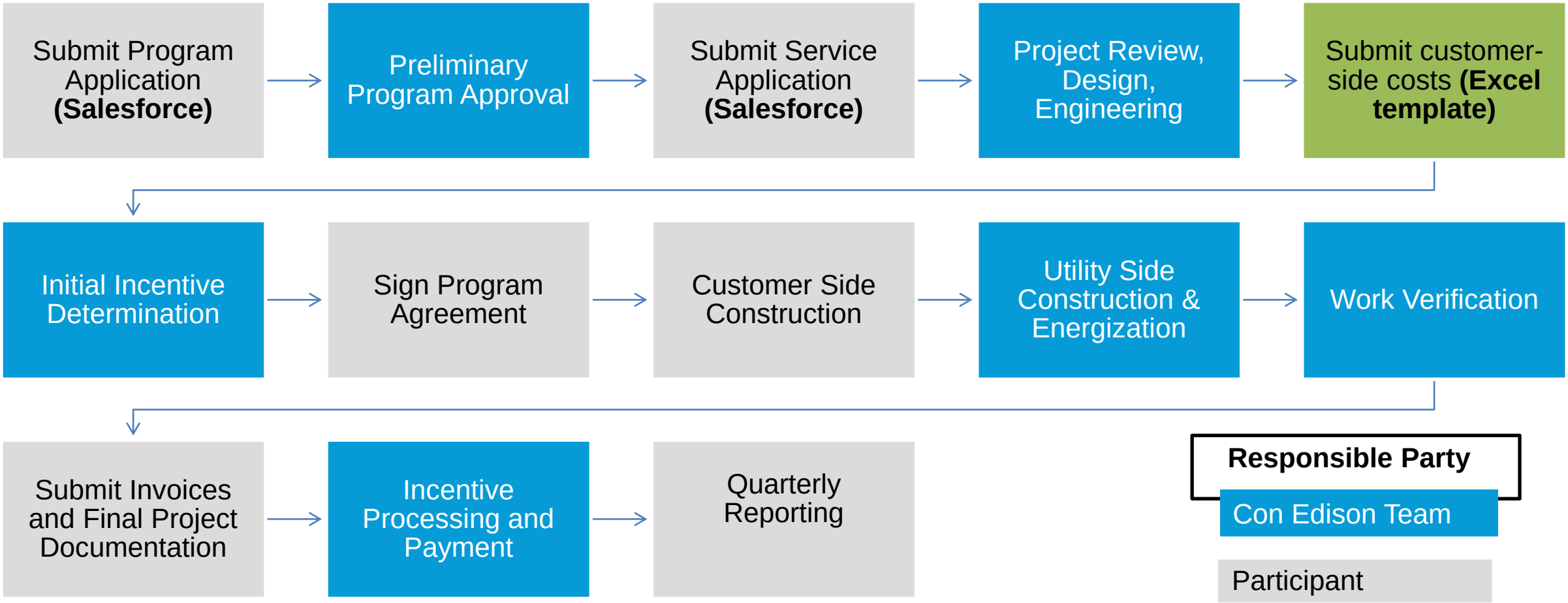
Maximum Future Proofing incentive
$ 10,000




Note: Submit two quotes – one with and one without the future-proofing plan so the team can appropriately assess the additional costs

# PowerReady Process & Estimated Timeline

**Con Edison timelines assume that Participant has submitted correct and complete technical and program documentation.**

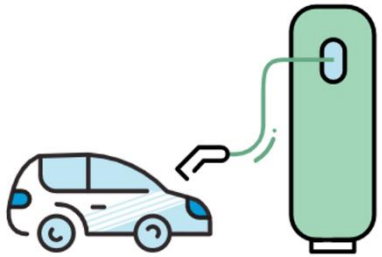


# Program Resources

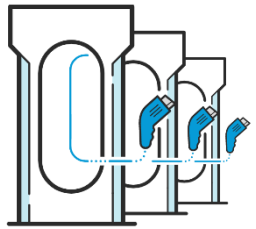
| Resource | Details |
|---|---|
| ConEdison PowerReady Website | Incentive website including program information and resources |
| PowerReady FAQs | Program Frequently Asked Questions |
| Disadvantaged Community Map | Look up your address to determine if you are in the DAC zone |
| Register – PowerReady Program Portal | Register for the PowerReady Program Portal |
| Apply Now – PowerReady Program Portal | Apply for the PowerReady Program Portal |
| PowerReady Program Portal Directions | Step by step directions to apply to the program |
| Approved Contractor List | List of charger installers approved to participate in PowerReady |
| Participant Guide | Includes program specifics, such as eligibility criteria and requirements. |
| EV Rates Webinar Replay | Video reviewing rate options for EV developers and customers. |
| EVMRP@coned.com | Reach out with any program questions or to start your project |

- **Lead the Charge!**

Forecasts indicate EVs will be responsible for 1/3rd of all car sales by 2025



EV Drivers save over $500 and 72 lbs of $CO_2$ on average, a year vs. gas drivers



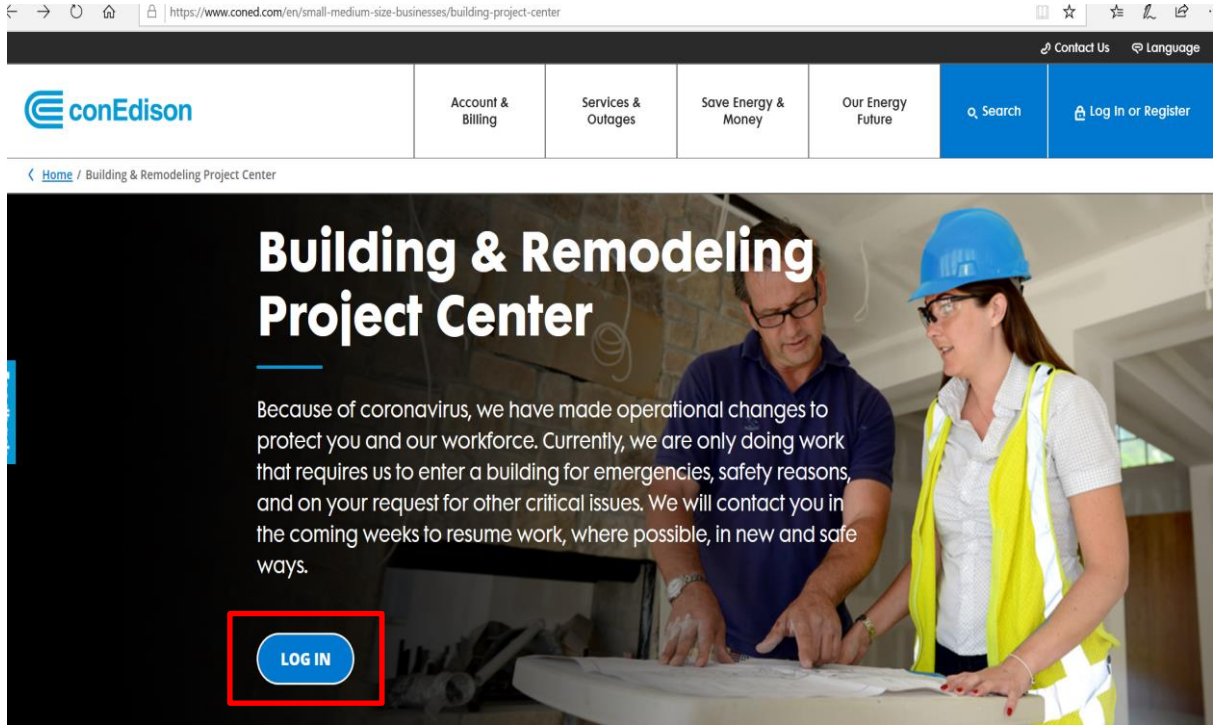
Studies have shown EV charging stations increased average EV driver dwell time by 50 minutes

# Electric Vehicle (EV) Interconnection Process

Suzanne Koch

# Project Application:

- Apply Service Request via Project Center
- Apply EV Make Ready Program via Salesforce

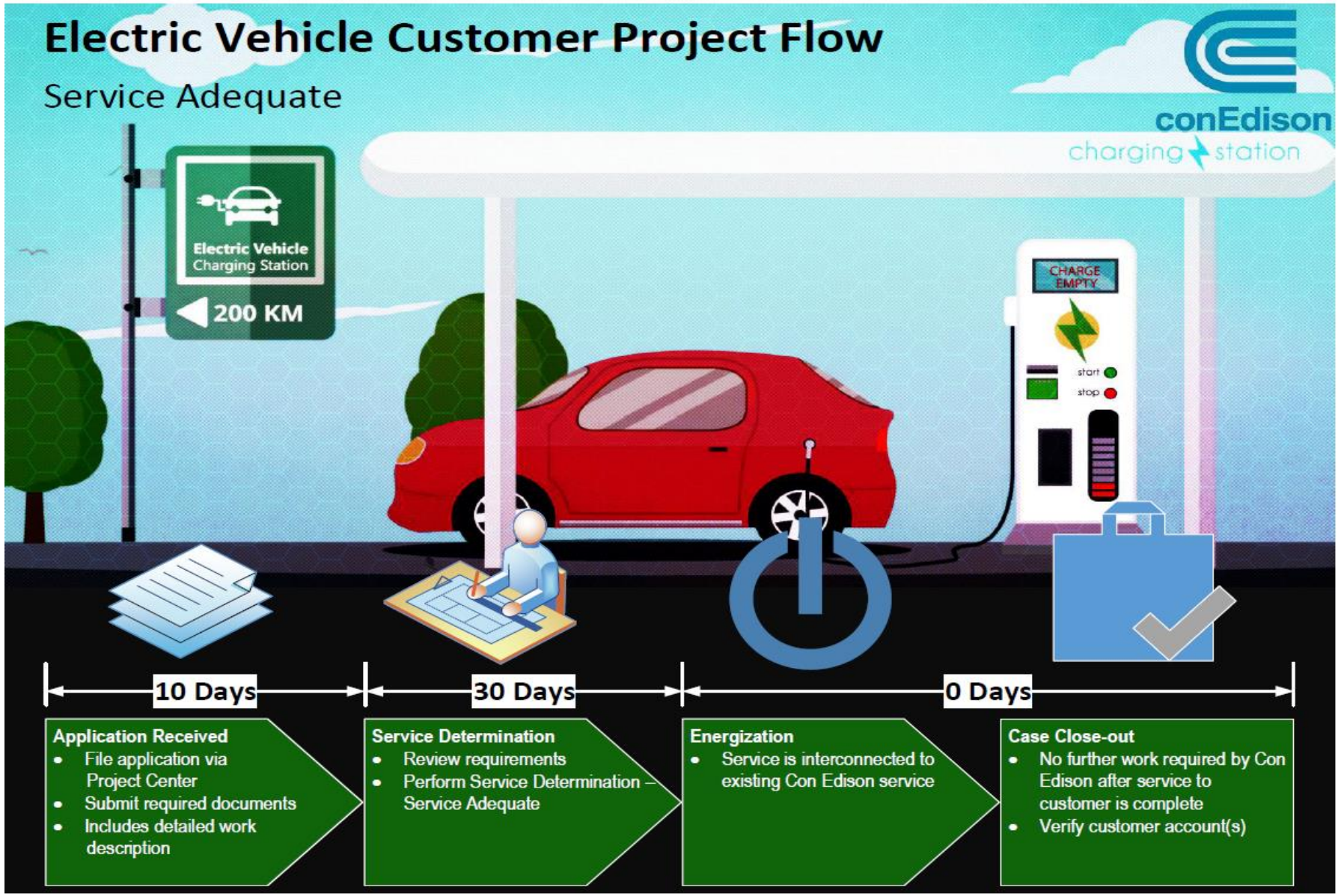


# Required Documents:

- Make Ready Program Application Review Letter
- Letter of Authorization
- Site Plan
- One Line Diagram
- Load Letter
- EV Charging Station Equipment Cut Sheet

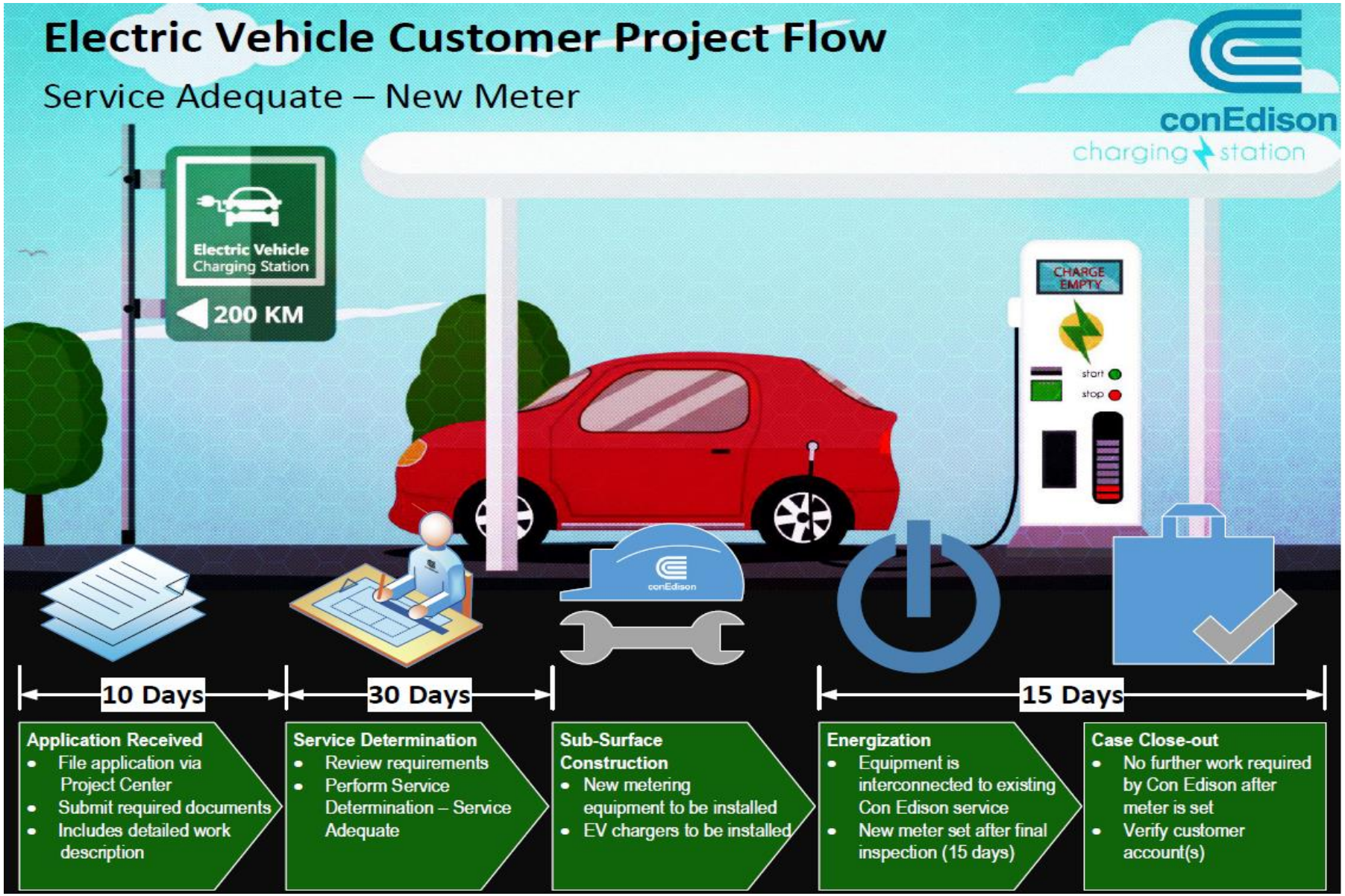
# Project Review and Service Determination

- Energy Services reviews the Service Request
- Engineering performs the Service Determination study
  - Existing Service Adequate
    - No Additional Work
    - Request Additional Meters
    - Request a New POE
  - Service Not Adequate:
    - Reinforce Existing Service
    - Request New Service


Electric Vehicle Customer Project Flow
Service Adequate
conEdison
charging station
Electric Vehicle
Charging Station
200 KM
CHARGE
EMPTY
start
stop
10 Days
30 Days
0 Days
Application Received
File application via Project Center
Submit required documents
Includes detailed work description
Service Determination
Review requirements
Perform Service Determination – Service Adequate
Energization
Service is interconnected to existing Con Edison service
Case Close-out
No further work required by Con Edison after service to customer is complete
Verify customer account(s)

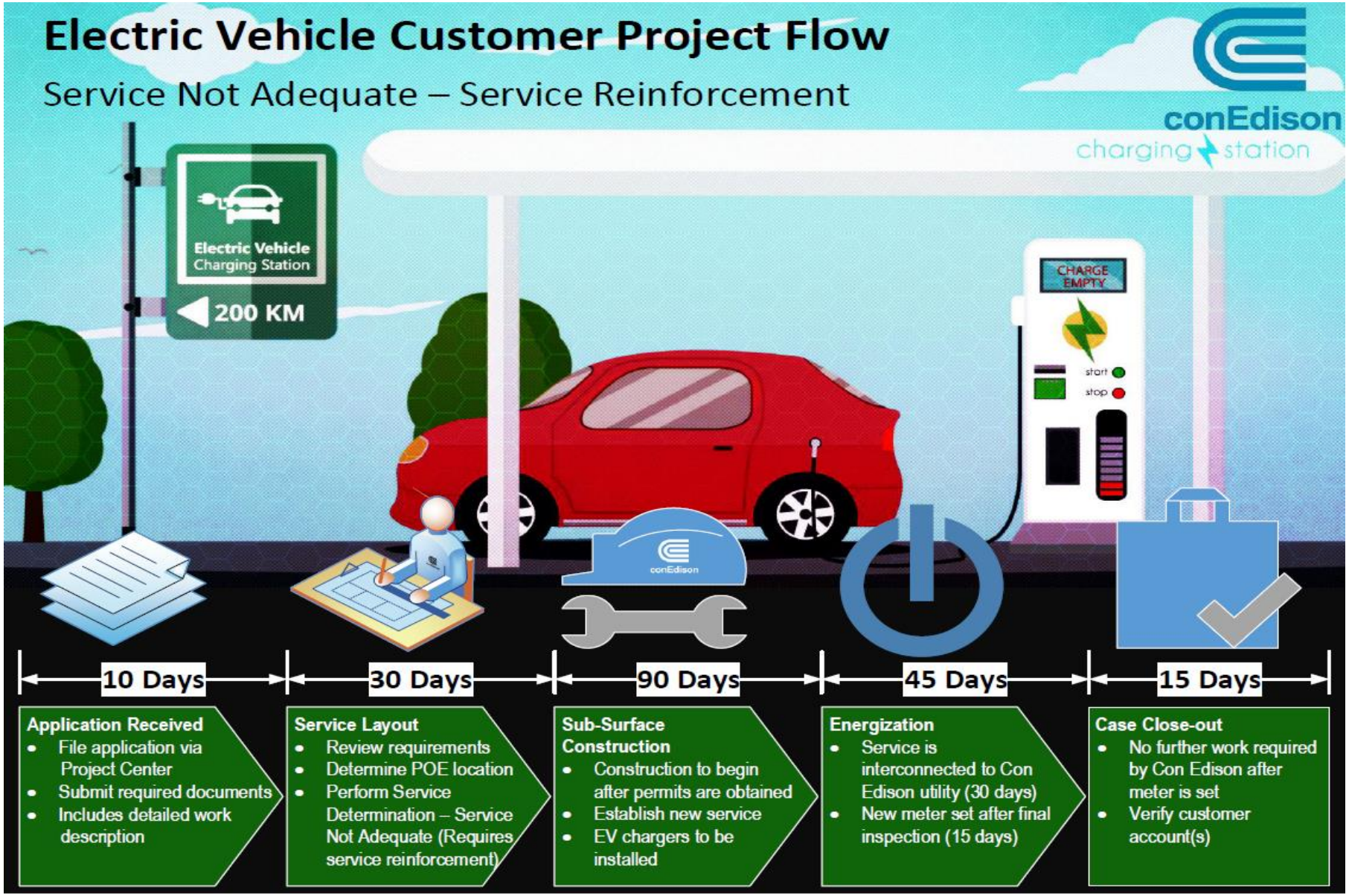
# Electric Vehicle Customer Project Flow

## Service Adequate – New Meter

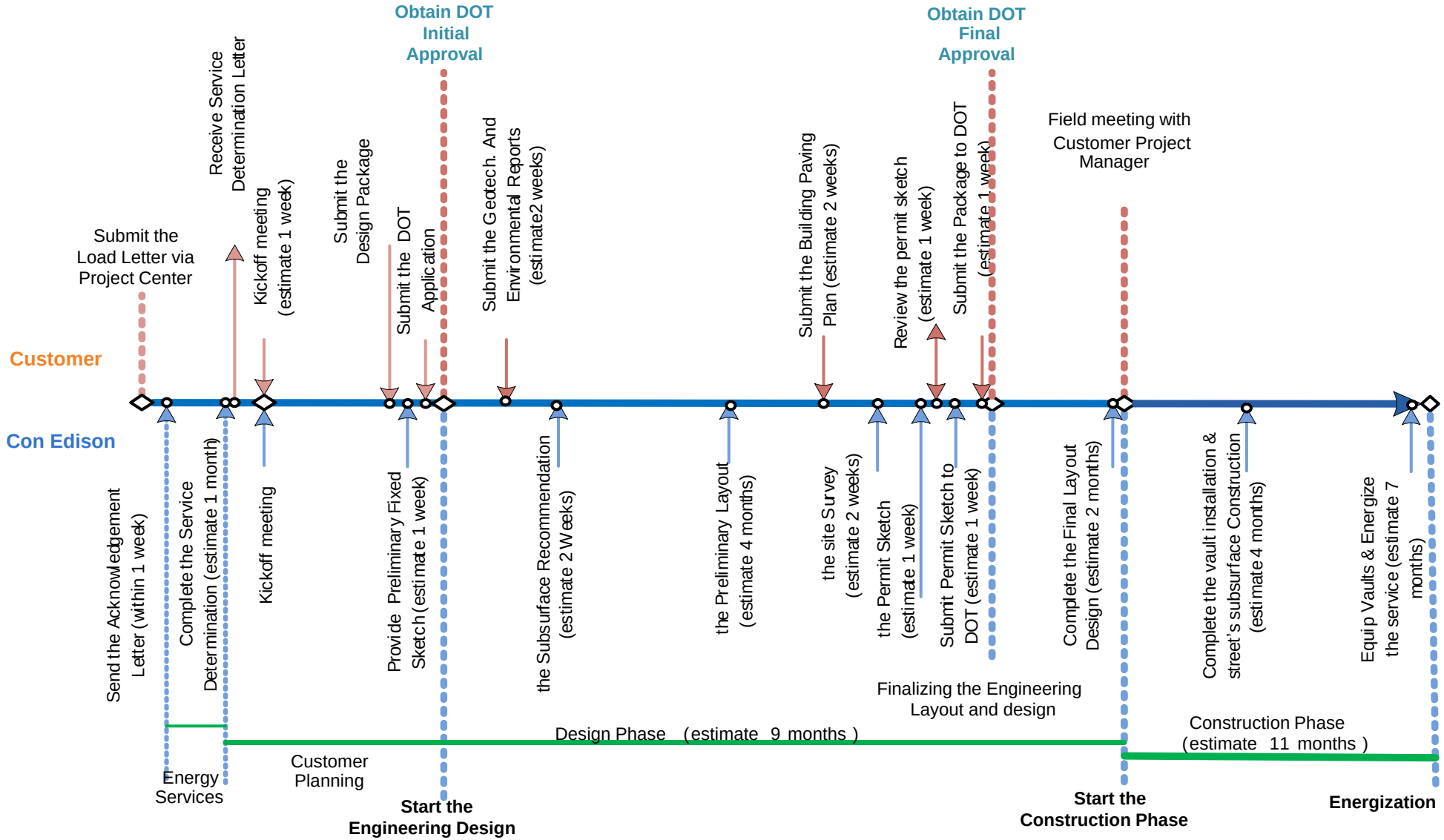


# Electric Vehicle Customer Project Flow

## Service Not Adequate – Service Reinforcement



# Time Frame: Transformer Vault installation



# Additional considerations

- **Load requirements**
  - How much power is needed
  - Load is not proportional
- **Geographic**
  - Embargos (ie: NYC Holiday embargo)
  - Moratoriums (ie: system reliability concerns)
  - Construction complications (ie: high traffic areas may prove challenging for permitting)
- **Environmental**
  - Existing soil conditions
  - Additional permitting requirements

# Available References

- **Contact - vitolor@coned.com**
- **Con Edison blue book**

  https://www.coned.com/-/media/files/coned/documents/small-medium-largebusinesses/electricbluebook.pdf?la=en
- **Con Edison rates and tariffs**

  https://www.coned.com/en/rates-tariffs/rates
- **Electric vehicle information**

  https://www.coned.com/en/our-energy-future/technology-innovation/electric-vehicles
- **Electric vehicle make ready program**

  https://www.coned.com/en/our-energy-future/technology-innovation/electricvehicles/power-ready-program

**We are always here to help!!!!**

# Customer Operations Update for Solar & Storage

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# Topics

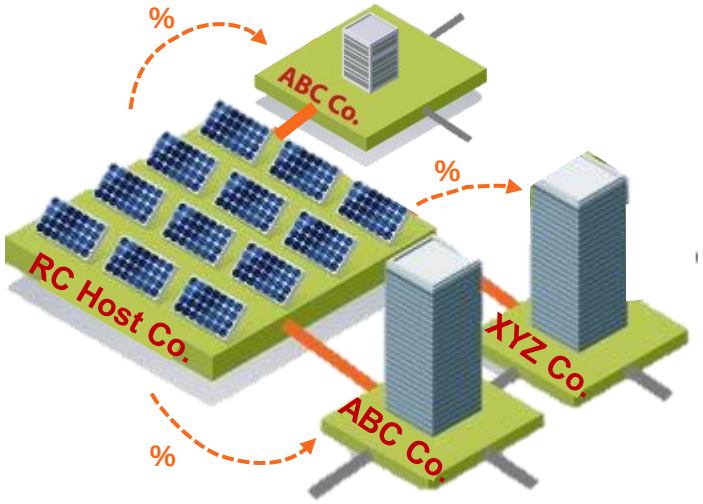
- New tariffed compensation options for Solar PV, Energy Storage:
  - Remote Crediting
  - CDG Net Crediting
- Customer Benefit Contribution (CBC) charge for mass-market Solar PV customers

# Remote Crediting

- The PSC sunset the Value Stack **Remote Net Metering** (RNM) tariff
- In its place, new "**Remote Crediting**" replacement program is available
- The same Value Stack rates that applied to RNM also apply to Remote Crediting
- The changes took effect September 1, 2021

# Major differences between RNM and Remote Crediting


**RNM Project**




**Remote Crediting Project**

- Multiple unrelated customers can participate in the same project
- A satellite can now participate with multiple related *and unrelated* hosts
- Credit no longer applied in the order that satellites are billed
- Instead, Host allocates credit to each satellite as a % of the monthly generation by submitting an allocation form to the utility
- Unallocated credit offset's Host account's charges, and remainder can be re-allocated to satellites

# Remote Crediting compensation is allocated to subscribers

- Submit Allocation Form (Excel file) with Form G

| | RC Customer (designated above) | Con Edison Account Number | Con Edison Account Name | Allocation Percentage |
|---|---|---|---|---|
| 1 | ACME Corp. | 850320671200012 | ACME Headquarters | 40.000% |
| 2 | ACME Corp. | 850320672300003 | ACME Warehouse | 10.000% |
| 3 | Stark Industries | 941320332520082 | Stark Labs | 10.000% |
| 4 | Stark Industries | 155623447586120 | Stark Midtown | 10.000% |
| 5 | Stark Industries | 965201160228540 | Stark Helipad | 15.000% |
| 6 | Wonka Chocolates | 923525630310500 | Wonka Industries | 15.000% |
| 7 | | | | |
| 8 | | | | |

- Allocation can be updated up to monthly, with 30 days' notice

# CDG Net Crediting

- Con Edison has implemented "**Net Crediting**" billing for Community Distributed Generation (CDG)
- For projects that opt-in, Utility will collect subscription fees from CDG subscribers and will remit those fees as a payment to CDG Sponsor
  - The fee is a % of credit from the CDG Sponsor; subscriber's will therefore see a "net credit" on their bill, equal to the gross credit value less the CDG subscription fee
- Simplifies CDG revenue & collections
- Aims to increase LMI participation in CDG by removing credit checks/barriers
- Became effective in 2021

# CDG Billing comparison

| | Traditional CDG | Net Crediting CDG |
|---|---|---|
| **Subscriber acquisition** | By CDG Sponsor | By CDG Sponsor |
| **Valuation** | Value Stack rates | Value Stack rates |
| **Monetization** | Bill credits to Subscribers | **Partial** bill credits to Subscribers **+ payment to CDG Sponsor** |
| **Subscription cost recovery** | CDG Sponsor bills Subscribers | **Utility bills Subscriber as a % of the gross credit value** |

# CDG Net Crediting requirements

- Similar requirements as traditional CDG, plus:
  - Must execute a Net Crediting Agreement (contract) with the utility
  - Submit Net Crediting enrollment forms, including allocation & savings rate

| | Con Edison Account Number | Con Edison Account Name | Allocation Percentage | Anchor Satellite |
|---|---|---|---|---|
| 1 | 850320671200012 | ACME Headquarters | 40.000% | X |
| 2 | 850320672300003 | ACME Warehouse | 10.000% | |
| 3 | 941320332520082 | Stark Labs | 10.000% | |
| 4 | 155623447586120 | Stark Midtown | 10.000% | |
| 5 | 965201160228540 | Stark Helipad | 15.000% | |
| 6 | 923525630310500 | Wonka Industries | 15.000% | |
| 7 | | | | |

CDG Savings Rate: 10%

    - CDG savings rate applies to all satellites, except for up to 1 anchor satellite
  - Provide ACH banking information
- See coned.com/dg, Guides & Specifications for enrollment documents

# Customer Benefit Contribution (CBC) charge

- In July 2020, the PSC issued its “NEM Successor Order” which applies to all NYS utilities
- Primarily impacts residential & small-commercial Solar PV
- **New monthly charge for mass-market NEM-eligible DG customers *beginning 1/1/2022***
- Surcharge recovers costs of public benefit programs, like Energy Efficiency, bill credits for low-income customers, and NYSERDA funding

| Install DG before 1/1/2022 | Install DG on or after 1/1/2022 |
|---|---|
| Eligible for NEM credits | Eligible for NEM credits<br><br>**with a new non-bypassable “Customer Benefit Contribution” (CBC) monthly charge** |

- Additionally, NEM-eligible customers on TOU rates to receive monetary crediting

# CBC Charge for mass market NEM-eligible customers

**CBC Charge** = **CBC Rate** ✖ **Size of DG**

- **The CBC Charge is assessed in every month of a DG customer's compensation (e.g., 20-year term for net-metered customers)**

- **$ per kW of DG size**
- There are different CBC rates based on SC & rate, DG technology, and crediting mechanism
- A typical residential customer with Solar PV will have a $0.94/kW CBC rate for 2022
- CBC Rates are updated annually and will be posted on a statement found at coned.com/rates

- **kW-dc of DG nameplate capacity**
- Only factor the NEM-eligible technology (e.g., solar PV DC panel ratings)
- Pairing Energy Storage with solar PV will not increase the CBC charge

# Thank you

- Contact us at cdgdevelopers@coned.com