



**ASSOCIATES**  
ENERGY SOLUTIONS

**Transportation  
Decarbonization  
Services  
Qualifications Portfolio**

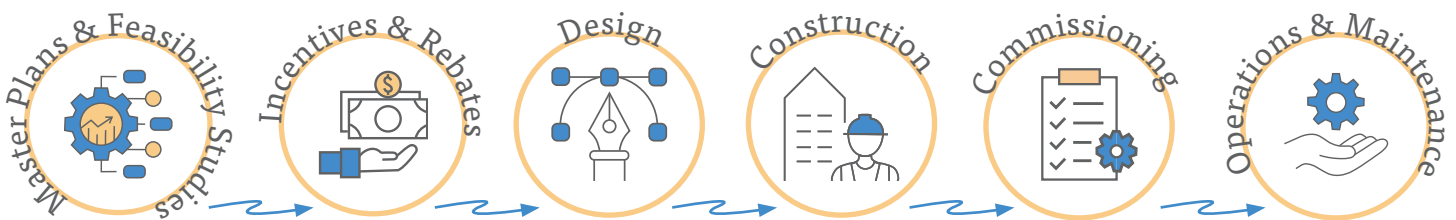
# Our Mission

...is to make sustainability goals a reality through decarbonization and innovative energy solutions.

Decarbonization Integration is how we define our end-to-end solution offerings across the entire energy project lifecycle.

We are integrators, bringing together innovative approaches and technologies from our many partners to solve challenging problems for our customers at each stage of their decarbonization journey.

We fill in the gaps to get projects done, from inception and planning to operations and maintenance. It is how we fulfill our environmental and social responsibility to make the world a better place.

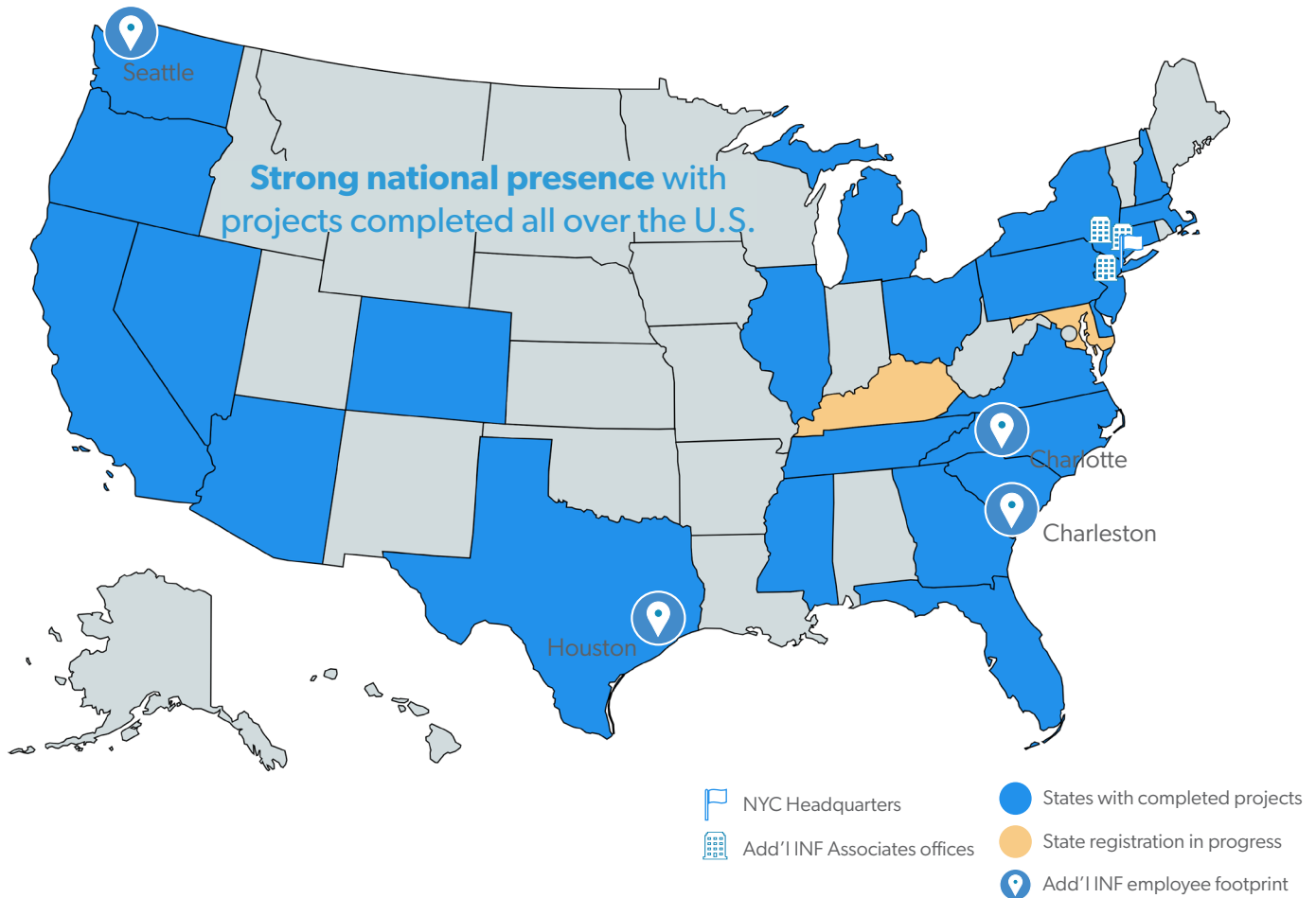


We are a proud holder of a cooperative purchasing contract with Sourcewell for turnkey energy solutions, fleet electrification and many other services. We are also a proud service provider for the NYC Local Law 97 Accelerator Program.



Charlie dePuthod, President of INF Associates, received two 2022 PowerReady Installer Awards from ConEdison.

# National Footprint



We are a trade ally for over 20 utilities coast-to-coast, including:

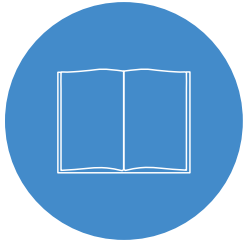


# Our Services



## Current State Assessment

Team conducts an exhaustive data collection process and a site visit to assess the conditions of the facility and/or demands of the fleet.



## Feasibility Study

A report is created which summarizes the results of the Current State Assessment and provides charging infrastructure suggestions.



## Market Scan

A thorough market scan of all applicable options is conducted, taking operational demand, cost, safety, and reliability into account.



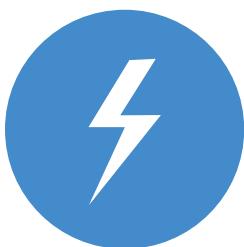
## Engineering & Design

Utilizing our in-house PEs and industry experts, we will develop a Final Design for the charging infrastructure required to support your business operations.



## Material Procurement & Installation

Following approval of Final Design, our Project Managers will file for all applicable permits, order all material and execute the equipment installation.



## On-going Charging Success

Following successful installation, our team of experts will guide you through your charging sequence of operations, meeting regularly to optimize your charging and mitigate excess utility charges.



## Ambulance & Shuttle Bus Electrification Study - Mount Sinai Health System

### Overview

INF Associates was contracted to provide an Electrification Feasibility Assessment for Mount Sinai Health System's (MSHS) fleet of shuttle buses and ambulances. This assessment consisted of four main tasks: Data Collection and Evaluation, Current State Assessment, EV Feasibility Assessment, and Key Performance Indicator Development. INF helped Mount Sinai identify electric alternatives for their fleet vehicles that would meet current operational requirements including but not limited to vehicle range, passenger capacity, ancillary load necessities, and price point. Using these vehicles' specifications and MSHS's route data, digital twin route and state of charge simulations were conducted to inform vehicle charging needs. A supplementary site assessment was conducted, and a future proofed charging solution was presented that would allow MSHS to electrify a majority of their vehicles without altering current operations.

### Highlights

- Designed a charging solution for 25 shuttle buses.
- One of the first electrification pilot programs designed for an emergency ambulance vehicle within Manhattan.

### Customer Reference

Christina McNeilis  
Associate Director of Corporate Sustainability  
[christina.mcneilis@mssm.edu](mailto:christina.mcneilis@mssm.edu)



## EVSE, Solar & BESS Consulting - Fisher Brothers

### Overview

INF Associates was contracted to provide an EV charging and distributed energy resource feasibility assessment for Fisher Brother's at their new construction site in Las Vegas, Nevada. The facility will be a 7-floor public garage with a 442 KVA PV solar roof and over 100 EV chargers. INF helped Fisher Brothers choose a charging solution that would maximize available funding and comply with new construction code requirements without requiring an increase of the requested utility load. INF created a load forecast which took the DOE-informed projected EV charger usage and expected PV solar roof power generation into account. With this information, INF modeled expected energy costs of the garage, revenue of the chargers, and recommended that Fisher Brothers takes advantage of the utility's Net Metering Program for excess solar.

### Highlights

- Determined eligibility for \$300,000 worth of EV make-ready costs and 30% of the solar cost in tax credits.
- Annual savings of \$40,000 with Net Metering program.
- Modeled EV charger payback of 3 years with revenue potential of over \$100,000 within 5 years.

### Customer Reference

Brian Flaherty  
Director of Engineering & Sustainability  
bflaherty@fisherbrothers.com



## Level 2 Charging - Beam Living

### Overview

INF Associates designed, procured, and installed 175 level-2 charging stations throughout ten sites across Beam Living's New York portfolio. INF Associates leveraged the Con Edison Power Ready incentive program and NYSERDA's Charge Ready rebate program to deliver each project to Beam Living for very little upfront cost. INF provided Beam Living with full turn-key services including all utility coordination and incentive management.

### Highlights

- \$2.6M in ConEd Power Ready and NYSERDA Charge Ready incentives.
- \$92k net project cost after incentives (3% of total project costs).

### Customer Reference

Tom Feeney  
Vice President, Facility Operations & Sustainability  
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## DCFC, Solar & BESS - Vail Auto

### Overview

INF Associates worked closely with strategic partners to install a managed microgrid solution that allows Vail Auto to reduce their net utility bill to fractions of future forecasts, gain a level of energy independence and remain operational during power outages, while charging their EV fleet with the benefits of solar energy. INF Associates leveraged the Con Edison Power Ready incentive program to fund a portion of the EV charging in this project and upgrade Vail's existing utility service from 208-volt to 480-volt to deliver each project to Beam Living for very little upfront cost. INF provided Beam Living with full turn-key services including all utility coordination and incentive management.

### Highlights

- 7,000 sqft. rooftop solar array with 65,000kWh of annual energy production .
- 100kW Battery Energy Storage System with 186kWh capacity.
- Two 19.2kW Level 2 Charging Stations.
- One 62.5kW Level 3 DCFC Charging Stations.

### Customer Reference

Greg Vail  
gvail@vailauto.com



## EVSE Fleet Infrastructure Roll-Out - Department of Commerce

### Overview

INF Associates was contracted with the Department of Commerce to conduct feasibility studies across 26 sites nationwide. The feasibility studies aimed to showcase which sites were feasible for the installation of electric vehicle charging infrastructure on an existing facility service in order to electrify the site's fleet. The agencies visited include National Oceanic and Atmospheric Administration, National Institute of Standards and Technology and the U.S. Census Bureau. All 26 sites were surveyed over the span of two months allowing INF Associates to capture critical field notes in order to confirm feasibility, recommend a specification and scope that fit the sites needs, and provide the Department of Commerce with estimated costs for each option provided.

### Highlights

- 26 sites surveyed and analyzed.
- 6 sites confirmed as good candidates for pilot roll out.
- INF completed installation of 6 sites.

### Customer Reference

Eston Lewis  
OS Fleet Manager  
elewis3@doc.gov

INF Associates is an energy solutions integrator providing turnkey solutions in decarbonization of transportation and buildings.

We specialize in clean energy management to the public, commercial, finance, multi-family, hospitality and healthcare sectors. We have developed EVSE and energy-efficiency solutions for clients such as Blackstone, RXR Realty, Barclays, The Durst Organization, Empire State Realty Trust, and Fisher Brothers.

Our service portfolio approach is to develop customized solutions to decarbonize everything.

## Contact our Transportation Decarbonization Team



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