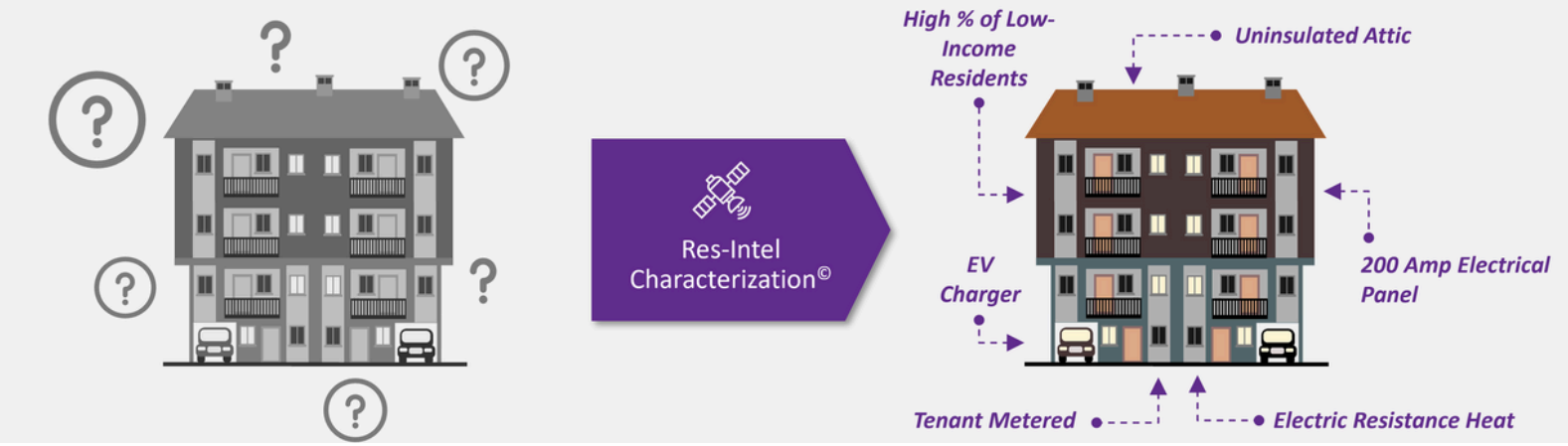
res-INTEL

EV CHARGER SITING GENIUS©

A Tool for Program Administrators and Implementers

Res-Intel's EV Charger Siting Genius enables more effective, equitable, and efficient siting of EV charging stations.
The EV Charger Siting Genius applies **GIS remote sensing and artificial intelligence** tools to public property data and utility energy data. Res-Intel is working with all the California Investor-Owned Utilities on their building decarbonization programs. As part of Res-Intel's Characterization Tool, the Genius enables EV program planners and implementers to **"get to know" every property in a city/county/state,** revealing information that is otherwise nearly impossible to obtain:

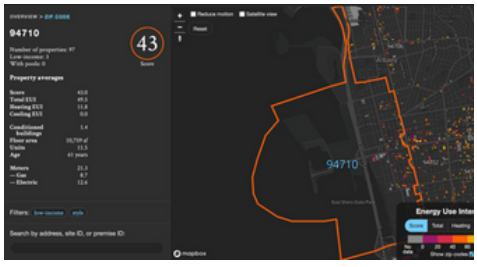
Res-Intel Characterization Tool



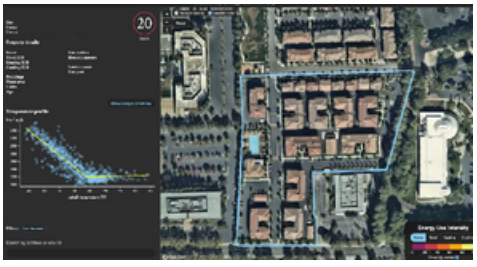
The Charger Siting Genius includes Res-Intel's Benchmark.AI Dashboard that visualizes all of the above planning data for programs **to perform EV charger siting analysis remotely** without having to roll a truck. Below are some screenshots of Res-Intel's dashboard developed for the 5+ unit Multifamily sector that is being utilized statewide for multifamily energy efficiency programs. **The dashboard is customizable based on client preferences.**

Res-Intel's Benchmark.AI Dashboard

Zip Code Level View



Property Level View



Google Street View

From their desktop, users can view properties on Google Streetview, screen properties shown in the Dashboard based on disadvantaged community status, number of parking spots, electrical panel size, low-rise vs mid-rise, regulated vs unregulated affordable housing, and other criteria. **Our optimized contact information for property owners/managers increases EV charger siting program uptake and outreach effectiveness.**

Comprehensive EV Analytics

- A complete inventory of all properties, including older and smaller properties not found in common real estate databases
- Estimates of the number of parking spaces at each property (5+ unit MF and commercial)
- Presence of existing EV chargers (SCE and SDG&E territories)
- Predictions of electrical panel size (amps) at the property level based on anayses of millions of building permit applications (SCE and SDG&E)
- Predictions of high-probability properties for EV charger adoption (SCE and SDG&E)
- Presence of existing solar PV panels (SCE and SDG&E)
- Google Streetview links for each property
- Estimates of potential rooftop PV solar photovoltaic kWh generation (5+ unit MF and commercial)
- Properties where electrical panel upgrade deferrals are possible using energy efficiency retrofits and solar PV (SCE and SDG&E)
- Identification of properties in disadvantaged and underserved communities (and other "Need States" as defined by the CPUC including Tribal and rural)
- Identification of regulated affordable housing from multiple databases
- Predictions of Naturally Occurring Affordable Housing (unregulated affordable housing)
- Best contact information for the property-owner or manager derived from multiple databases

The above EV analytics are available from the Genius. The Charger Siting Genius provides the critical information necessary to accelerate EV charger program planning and implementation.

EQUITY. EFFICIENCY. EFFECTIVENESS.

Request Charger Siting Genius© Pricing

Res-Intel's Charger Siting Genius© is available on a monthly, per-user license.

Schedule 30 Minute Discovery Call

Click here to schedule a demo of the Benchmark.AI Dashboard's capabilities

LEARN MORE

Learn more about Benchmark.AI software tool that drives our Equitable Electrification Analytics.

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