res-INTEL

EQUITABLE ELECTRIFICATION ANALYTICS FOR PROGRAM PLANNING AND IMPLEMENTATION

Developing and implementing equitable electrification programs and ordinances present many challenges:

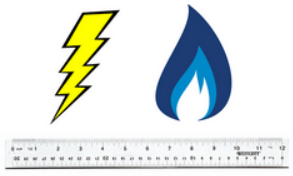
- THE LACK OF WHOLE BUILDING ENERGY DATA
- HIGH CUSTOMER ACQUISITION COSTS
- ENSURING PARTICIPANT COST SAVINGS
- COMPLEXITIES WITH THE COMMERCIAL AND MULTIFAMILY SECTORS

Res-Intel can leverage your data + publicly available data to scale-up electrification efforts

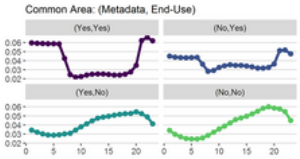
1. AGGREGATE COUNTY ASSESSOR PROPERTIES INTO SITES

2. MAP UTILITY METERS TO SITES

3. CALCULATE ENERGY USE INTENSITY



4. MACHINE LEARNING ENERGY DISAGGREGATION

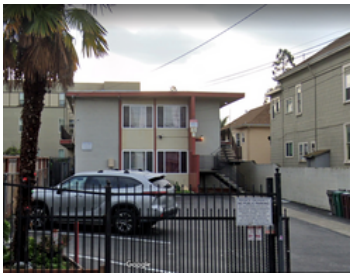


5. EXISTING EQUIPMENT PREDICTIONS

6. ENERGY EFFICIENCY & DR RECOMMENDATIONS

Use-Cases for Equitable Electrification

TARGETING RESIDENTIAL PROPERTIES WITH A HIGH SHARE OF INCOME ELIGIBLE RESIDENTS



MARKET ASSESSMENTS OF HEAT PUMP TECHNOLOGIES BY COMMUNITY/CLIMATE ZONE

	Sites	Sites
Water Heat	8,250	22,750
Space Heat	4,448	26,552

REMOTE ENERGY AUDITS AND IMPROVED CUSTOMER ENGAGEMENT

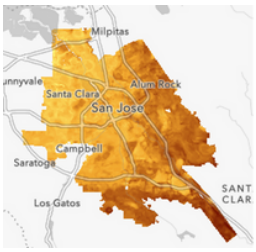
ELECTRICAL PANEL UPGRADE REQUIREMENTS

600 Amp

200 Amp

100 Amp

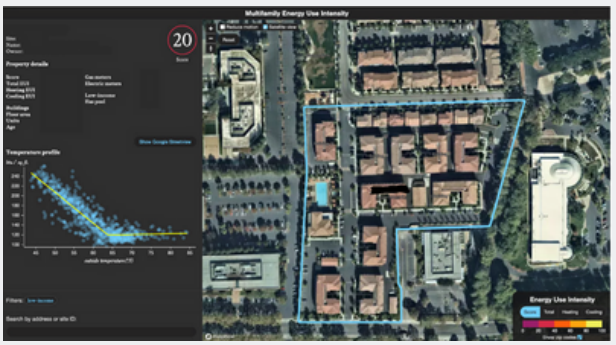
RESILIENT ENERGY RETROFITS FOR HEAT ISLANDS



INCREASED RETROFIT CONVERSION RATES

Benchmark.AI Improves Results Across a Wide Range of Programs

The Benchmark.AI toolset generates energy disaggregation and customized DSM measure recommendations to improve many retrofit opportunities including attic insulation, lighting, water heating, space heating and cooling, and pool pumps.



LEARN MORE

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

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