



Energy+Environmental Economics



GRIDWORKS



# Tactical Gas Decommissioning Paired with Targeted Electrification: Site Selection and Pilot Program Development

BayREN Presentation

Tuesday, March 21, 2023

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# Agenda

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1. Project Overview
2. Progress To-date
3. Opportunities for Local Governments

# About Gridworks

We convene, educate, and empower stakeholders working to decarbonize our economy.

- Engage policymakers, advocates, energy providers, and utilities
- Create a collaborative environment
- Build consensus to enable policy action



# California Energy Commission's (CEC) Tactical Gas Decommissioning Project – Northern CA Portion

1. [Project Overview](#)
2. Progress To-date
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## Overview of Project Team

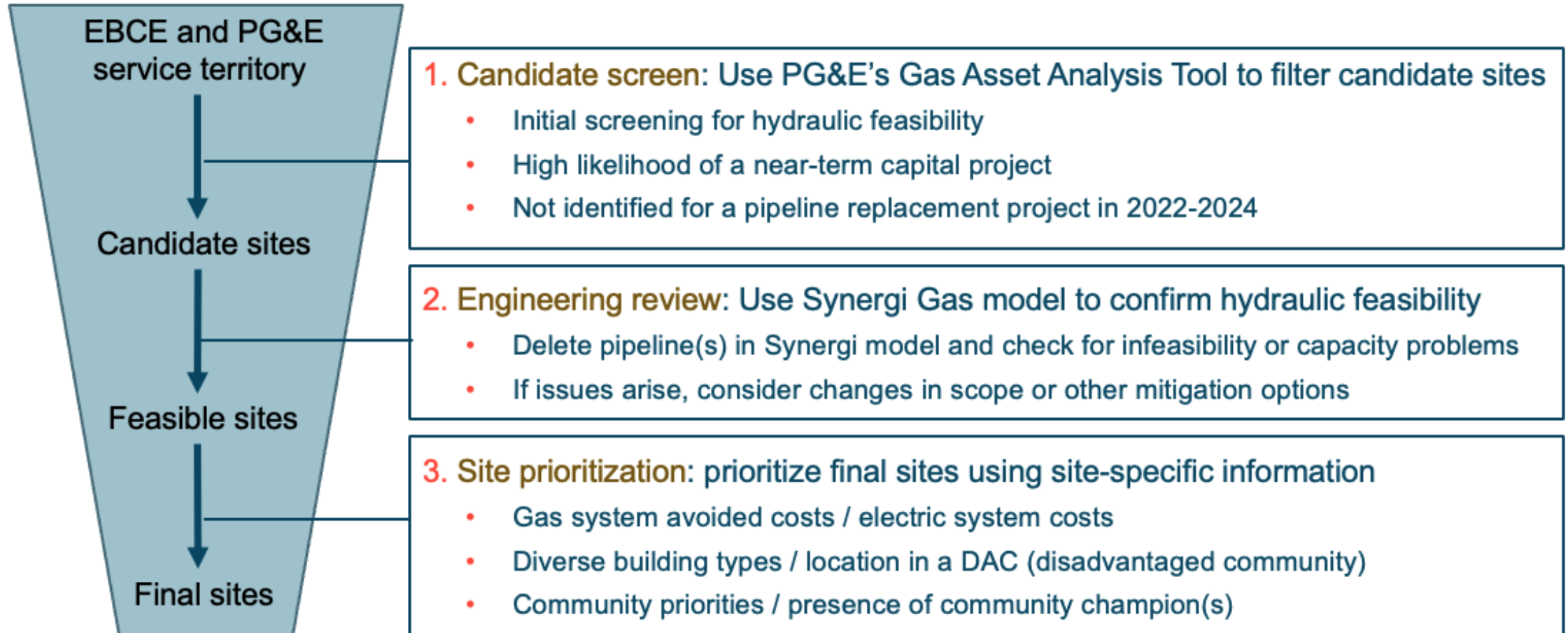


## Project Objectives:

- **Develop a replicable framework to identify sites** where targeted building electrification combined with tactical gas decommissioning **could support gas system cost savings**
- Using that framework, **identify 3 pilot sites**, including at least one within a disadvantaged community
- **Engage local communities** in sharing their perspectives and priorities
- **Produce deployment plans** for the recommended pilot sites

# Site Selection Framework

1. Project Overview
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**Deployment plans** will subsequently be developed for each site through direct engagement with customers, evaluating electrification costs, bill impacts, community priorities, equity, and other site-specific factors

# Pilot Site Selection

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- 14 sites emerged from the “Candidate Screen” and **only 11 sites remained** following completion of the “Engineering Review”
- Of the remaining 11 sites, **deployment plans will be developed for one site from each of the three following categories**
  - These sites range from 2-10 blocks and 40-200 buildings

## Oakland DAC

- **Two sites in West Oakland**
- **One site in the East Oakland neighborhood of Coliseum**

*All three of these sites are identified as a Disadvantaged Community (DAC) by CalEnviroScreen*

## Mixed Building Types

- **One site in the East Oakland neighborhood of Allendale**  
*Site includes residential buildings, restaurants, and other small business*

## Suburban Single-family

- **Two sites in San Leandro**  
*One of the two sites is located in a DAC*

# Community Engagement: Two-pronged Approach

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# 1

## Town Hall Events

- Partner with existing city events on related topics (e.g., building electrification)
- **Benefit:** Meet community members where they are

# 2

## Focus Groups

- Compensate community members (residents, business owners, etc.) to participate in focused conversations on gas decommissioning
- **Benefit:** Hear directly from people who would be impacted

# Deployment Plans

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- **Objective:** Develop a high-level plan for each of the 3 pilot sites that *articulates the necessary steps for targeted electrification and gas decommissioning*. Includes key *steps needed to motivate customers* towards whole-home electrification.
- **Content:**
  - One, five, and ten-year goals
  - Equity considerations
  - Electrification costs (both in-front and behind-the-meter)
  - Incentive costs
  - Workforce needs
  - Steps required for the decommissioning and electrification transition, including upstream shutoffs, pipeline removal, and electrical infrastructure upgrades
  - Suggested roles & responsibilities
- **Key Assumptions:**
  - Funding
  - Obligation to Serve



# Opportunities for Local Governments

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- Local governments can use their jurisdiction over building codes, zoning, and permitting to:
  - Require **all-electric new construction**, where feasible
  - Promote targeted electrification** rather than scattershot electrification to enable eventual gas system decommissioning
  - Require exploration of alternatives** to repair/replacement of gas infrastructure
- Consider using **municipal buildings as demonstration sites**/examples of leadership
- Build new and strengthen existing **relationships with local CBOs, groups, and organizers** to support community engagement efforts
- Leverage existing/build new **coalitions to advocate for changes in state policies** (i.e. data access and obligation-to-serve)

## UNTARGETED ELECTRIFICATION

(No retirements)



## TARGETED ELECTRIFICATION

(Targeted retirements)



Mixed fuel house  
(Natural gas and electric)



All electric house

# Thank You



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