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Docket Number:	18-OIR-01
Project Title:	Energy Data Collection - Phase 2
TN #:	235406
Document Title:	PACE Presentation
Description:	Presentation on Proposed PACE Regulations
Filer:	Ryan Eggers
Organization:	Energy Commission
Submitter Role:	Commission Staff
Submission Date:	10/23/2020 10:15:24 AM
Docketed Date:	10/23/2020



Title 20 Data Collection

An Overview of CEC's Proposed Regulations on Data Collection from PACE Program Administrators

Heriberto Rosales, October 27, 2020



Policy Background

- **SB 350** (De León, Chapter 547, Statutes 2015) requires the CEC to establish annual targets for energy efficiency savings and demand reduction that will achieve a doubling of statewide energy efficiency savings.
 - **Public Resources Code, SECTION 6, §25310**
- SB 350 also requires the CEC to provide an update on the progress toward achieving a doubling of energy efficiency savings beginning with the 2019 Integrated Energy Policy Report (IEPR) and every two years thereafter.
- Current statute lists Property Assessed Clean Energy (PACE) programs as an annual target contributing toward statewide energy efficiency.



Property Assessed Clean Energy (PACE) Programs

- PACE programs provide financing options to add energy efficiency retrofits or clean energy installations to existing residential or commercial buildings.
- PACE finances energy and water efficiency, renewable generation, and EV charging station projects.
- PACE districts are where local governments have authorized contractual assessments for improvements of local properties.
 - California Alternative Energy and Advanced Transportation Financing Authority (CAEATFA) offers PACE Loan Loss Reserve (LLR)



Importance of Data Needs

- **Goal:** Access PACE project data to assess savings and costs across programs and program administrators statewide.
- **Method:** Access site-level project information from PACE projects with monthly or hourly utility interval-meter data to determine bill changes with a before-and-after analysis.
- Understanding the landscape and impact of PACE programs will help inform energy efficiency programs and track California's progress in meeting its climate change goals.
- Future work involves mapping aggregated savings to customer demographic segments of interest, such as disadvantaged or low-income communities.



Proposed Language (§ 1312 a-c)

§ 1312. Energy Efficiency Program Data Collection from Non-Utility Programs

Beginning in 2021, and every year thereafter, each PACE program administrator shall report no later than March 15 to the Commission its annual investments in energy efficiency programs for the previous fiscal year. The report shall include:

- (a) **Program Name:** title or name of the PACE program;
- (b) **Sector Indicator:** indicate "R" residential for "NR" for non-residential buildings;
- (c) **Project ID:** each PACE project will have a unique project information number that aligns with the national unique identification sequence;



Proposed Language (§ 1312 d-i)

- (d) **Assessor's Parcel Number (APN):** county name and assessor's parcel number (APN) of the site of the PACE project;
- (e) **Project Address:** street address of the PACE project;
- (f) **Project Start Date:** date the PACE project started in the mm/dd/yyyy format;
- (g) **Project Completion Date:** date the PACE project implementation was completed in the mm/dd/yyyy format;
- (h) **Measure Types:** identify PACE project measure(s) implemented, including but not limited to (i) lighting, (ii) heating, ventilation, and air conditioning (HVAC), (iii) domestic hot water, (iv) envelope (walls, windows, roof), and (v) self-generation, and (vi) electric vehicle charging stations; and
- (i) **Renewable Energy (Self-Generation) Indicator:** indicate whether the project included investments in self-generation projects.



Questions and Comments

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