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Docket Number:	19-BSTD-06
Project Title:	Local Ordinances Exceeding the 2019 Energy Code
TN #:	232134
Document Title:	Sustainable Energy Inc. Comments - REACH Codes plus tech advances = less GHGs and criteria pollutants
Description:	N/A
Filer:	System
Organization:	Sustainable Energy Inc.
Submitter Role:	Public
Submission Date:	2/19/2020 3:04:55 PM
Docketed Date:	2/19/2020

*Comment Received From: Sustainable Energy Inc.
Submitted On: 2/19/2020
Docket Number: 19-BSTD-06*

REACH Codes plus tech advances = less GHGs and criteria pollutants

REACH Codes are written in light of awareness of the continued advances in renewable energy and battery technology, which are going to be highly disruptive within 2 years. They are an expression of local policy to slash GHGs and criteria pollutants, in line with California State policy, expressed in legislation and executive orders. They are going to be highly beneficial to health and the environment. They are also going to increase prosperity among the public, because the monthly savings are much higher than the incremental monthly costs of improvements that are covered under mortgages. They set the stage for far greater savings when the home (or business) provides surplus electricity generation which can be used to charge electric vehicles.

This process, partly driven by REACH Codes, will help develop the market for advanced renewable energy and battery technologies to the point at which major investors step up, to scale companies for mass market penetration. One such technology is our stacked, multijunction, ceramic semiconductor thin film solar photovoltaic systems which will generate twice as much power on the same roof area (48% to 50% efficiency) within two years, if funded. Another is our non-lithium, ceramic semiconductor battery technology, which we expect to reach 3 to 5 kilowatt-hours per kilogram -- 5 to 10 times what lithium batteries will probably reach in the next 5 years.