

DOCKETED

Docket Number:	20-RENEW-01
Project Title:	School Energy Efficiency Stimulus Program
TN #:	236687
Document Title:	Nicholas Maderas Comments - School Energy Efficiency Stimulus (SEES) Program Energy, Water and Air Quality Maps
Description:	N/A
Filer:	System
Organization:	Nicholas Maderas
Submitter Role:	Public
Submission Date:	2/7/2021 11:32:39 PM
Docketed Date:	2/8/2021

*Comment Received From: Nicholas Maderas
Submitted On: 2/7/2021
Docket Number: 20-RENEW-01*

School Energy Efficiency Stimulus (SEES) Program Energy, Water and Air Quality Maps

I would like to suggest to the commission that each school may apply for funds to pay for mapping the sqft associated with each meter (electric, gas and water). This information is to be used to report EUI on a monthly basis. Funds will be made available to create publicly accessible energy maps for each site in the four areas listed below with sufficient granularity as to identify potential corrective action:

Electric interval data will be reported and publicly displayed. Funds will be made available to analyse correlations with solar production, battery storage, HVAC, lighting and base loads such that problem areas may be addressed and optimal efficiency goals identified on a site by site basis

Natural Gas use reporting funds will target disaggregation of water heating, space heating and cogen uses so that electric alternatives may be identified and efficiency measures may be proposed.

Water use reporting and analysis funding will encourage additional flow meters to be added such that hot water, cold water and irrigation water use may be identified and water efficiency measures may be proposed. This will also serve as the method for baseline assessment and M&V for SNPFA program.

Air Quality monitoring of each site may be funded as well as the in-class monitoring of any air quality index or metric for which a local health concern may exist (in addition to co2 monitoring which is already mandated by AB841)

Thank You.