

**DOCKETED**

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*Comment Received From: Andrew Bagley  
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**Upcoming Workshop Agenda Suggestions, Solutions, and Opinions, Per Agenda Topics**

*Additional submitted attachment is included below.*

## AB841 Agenda solutions

### From a HVAC/R Technician/Utility Conservation Managers Perspective

First and Foremost, I would like to say thank you, to all those within the CEC, involved in and taking the time to make AB841 SRVEVR and SNPFA programs, as equal and fair to all public LEA's, as possible. I know this has to be a very daunting task, to take an Assembly Bill with these great intentions, and make it work within such a short time frame.

The purpose of me writing you today, is to give you some of my opinions and insight on possible directions and solutions to take, with the SRVEVR program in particular. The SNPFA program is extremely straight forward and prescriptive, therefore I will focus mainly on the SRVEVR program. Grants like this, which are for Public Services, should be open to all they are intended to help (in this case LEA's), and be very prescriptive. Below are some ideas, based on the agenda bullet points in the upcoming workshop.

#### 1. Program Budget: Allocation in Utility Service Territories.

Solution: Open up to All LEA's no matter the utility service territory (apply this to both the SRVEVR and SNPFA programs). This is a matter of Equity. The fact of the matter is, some LEA's may not be serviced by a major contributing utility provider (PG&E, SCE, etc.). An LEA in this situation, can't control where these funds came from, and should not be punished for not being in one of those service areas. These LEA's Students and Staff deserve the same opportunity to, improved Indoor Air Quality via their HVAC systems, and safer more cost efficient plumbing fixtures also. Any LEA given the opportunity to use grants to make a site safer & more cost efficient, will. LEA's also know that any money saved by using grants like this, could allow funds previously earmarked for these items, to be spent on other much needed improvements. Since all Public LEA's are here to serve the Students, we should be focused on improving the Student's learning environment, and not the source of where the funding came from, be it Private, or Taxpayer based.

#### 2. Funding: Award Allocations and Considerations of Maximum Grant Awards

Solution: Allocation of monies should be on a first come first serve basis upon application submittal.

Consideration 1: Note the fact that some programs (i.e. special education, state pre-k, etc.) may be on another districts school site. The buildings, equipment, utilities, and maintenance are usually owned/paid for by the Entity that runs that program (i.e. A County Superintendent of Schools) and not the district site property they are on. This needs some clarification in the confines of the draft.

### 3. Challenges with Contractor Estimates

Solution: If the CEC, Sets a fixed dollar amount on the how much they will pay per assessment and a set dollar amount on how much they will pay per CO2 monitor unit, then the challenges with contractor estimates is now Null and Void. The contractors whom want to work with the LEA's will do so, and those whom don't, won't.

Right now LEA's across the state are having a hard time getting contractors to give them a flat rate per unit to do these assessments and for co2 monitors with install. In turn, this makes it extremely difficult for an LEA, to know how much grant monies to ask for per site. If the amount was set on a per unit basis, then, this leaves it up to the LEA and their contractor to come to an agreement. (I know there are many facets to this whole program, but simplifying this portion in someway, would make it much easier for LEA's to apply for what they need, and work within the confines of what monies is approved by the CEC)

### 4. Reasonable Costs for Assessment and Maintenance Grants

Solution: A reasonable cost for assessment should consider:

Labor time for the testing, maintenance, CO2 monitor & install, and paperwork. See below for reasonable labor times and costs.

Time, and materials to perform Assessment and Service Requirements: 2 - 2.5 hours per unit plus materials. Reasonable assessment/service cost per unit: \$170 -200

Misc. repairs maximum, to try and bring to compliance \$100.00 per unit.

CO2 monitor \$250 - \$350

Total allowed per unit \$525 – \$700

### 5. Alternative Technical Requirements for Obsolete/Non Functioning Equipment

Solution: Any HVAC unit 20-25+ years (some may argue 15-20 years) of age should not be mechanically assessed or serviced in the first round of funding, it should automatically be submitted for replacement in the second round. This is based on the simple fact that HVAC units of this age are well past their life expectancy, in this type of setting, and even more so if they are a heat pump unit. Units of this age are: far from being energy efficient, will not be able to be brought to a level that meets the airflow requirements (again this is my opinion based on my technical expertise in the HVAC field), and will, more than likely never be able to handle a MERV 13+ filter. I truly believe assessment/service monies will be better spent on units under the 20-25year age group. This means more assessments/service grant monies can be spent in a far more efficient manner.

I do hope, in the end, my Comments and Opinions help with streamlining this Grant. These Grant Programs could really help many LEA's, that may otherwise not have the funds to fix and or update the HVAC and or Plumbing. I look forward to seeing many great things happen through the use of the AB841. Please feel free to contact me for clarification on any ideas and or opinions I presented.

**\*\*These thoughts and opinions are NOT those of my Employer and in NO way do I represent their thoughts or opinions on this subject matter. These thoughts and opinions are wholly mine, and based on my own knowledge of the HVAC/R industry\*\***

Thank you,

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