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2018 Lead Commissioner Workshop on the Energy Commission's Lists of Solar Equipment

August 16, 2018—9:00 AM – 12:00 PM

First Floor – Rosenfeld Hearing Room
1516 9th Street, Sacramento, CA 95814

Panel Discussion Questions

First Segment Topic: *Explore Delisting Non-Smart Inverters; what are the risks?*

- Do you have any concerns around the Energy Commission considering no longer accepting applications for non-Smart Inverters for inclusion to the Solar Equipment Lists?
- If the Energy Commission removes all non-Smart Inverters from the current list, should we post an archive list of these non-Smart Inverters for a period of time?
- What are the incremental costs of a Smart Inverter compared to a non-Smart Inverter?
- As distributed solar systems age and require maintenance and replacement of parts, how can we encourage system owners to retrofit non-Smart Inverters with Smart Inverters? Are there potential barriers to replacing non-Smart Inverters with Smart Inverters or exclusively installing smart inverters originally?

Second Segment Topic: *Adding "battery storage" to Solar Equipment Lists*

- Is there a benefit to adding battery storage to the Solar Equipment Lists?
- If the Energy Commission lists storage equipment, what should be included – storage systems, batteries, storage inverters, other?
- Energy Commission staff is exploring specific battery technologies for inclusion in the Storage Equipment List, such as lead-acid, lithium ion, nickel metal hydride and nickel cadmium. What information and issues should we consider in making these decisions?
- Energy Commission staff is considering primarily supporting distributed generation scale applications. Is there a need to incorporate larger scale applications and their related storage technologies (like flow batteries)?
- What specific performance data should the Energy Commission include in the listing of battery storage on the Storage Equipment List? (e.g. round trip efficiency, charge/discharge rate, cycle life, etc.)

Third Segment Topic: *The Evolving Solar Equipment Lists & Website*

- What changes are needed to improve the user friendliness of our lists and GoSolar Equipment Webpages?