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August 4, 2020

Lorraine White California Energy Commission 1516 Ninth Street Sacramento, CA 95814

Re: Response to CEC Letter to CHEERS docketed July 15, 2020

Dear Ms. White,

On July 15<sup>th</sup> CHEERS was notified of a registry issue related to the "Download Docs" and "Send Docs" tools. These tools compile multiple PDF documents into a single document that can then be downloaded by a user or sent via email. These documents are required to be digitally signed and shown to be in an unmodified state.

During our investigation we found that the order of operations for these tools had been inadvertently changed, presumably during a routine update. The documents created via these tools did contain a digital signature, but because it was applied prior to compilation, the document was recorded as modified. Documents created using these tools at the time of the CEC notice would contain this error.

In formulating our fix, we needed to not only address the timing of the digital signature but also the existing documents in the system. We were able to revise the timing of the application of the digital signature to occur at the time the tool completed its process. In effect, the newly compiled PDF is signed as a single document and any modifications to it would result in the signature identifying it as a modified document. This also addresses all existing documents, as any document produced using these tools would be subject to the updated process. This allows any user to return to the registry and reproduce updated, valid documents.

We believe these updates address the concerns identified in the July 15<sup>th</sup> letter. These updates have been applied to our registry. Emails were sent out to both our general user and building department groups notifying them of the issue and how they can obtain documents with the updated tools.

CHEERS would like to thank CEC staff for their diligence in examining this issue and bringing it to our attention. The resultant updates have made our registry faster and more secure. Please do not hesitate to bring similar issues to our attention in the future.

Sincerely,

Jim Hodgson Executive Director, CHEERS