

DOCKETED

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Project Title:	CPV Sentinel
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Document Title:	Sentinel Black Start Petition to Amend Cover Letter
Description:	Cover letter for Sentinel Energy Center PTA Revision - Black Start Upgrade
Filer:	Stephanie Wien
Organization:	Yorke Engineering
Submitter Role:	Applicant Consultant
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September 8, 2023

Mr. Keith Winstead
Compliance Project Manager
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

Subject: Sentinel Energy Center, Docket No. 07-AFC-3 Petition to Amend Revision 1 - Black Start Upgrade

Dear Mr. Winstead,

Please find enclosed Revision 1 of Sentinel Energy Center's ("Sentinel" or "SEC") Petition to Amend for our proposed black start upgrade project. This revision was necessitated by two changes:

1. The battery system vendor was changed from Tesla to BYD Auto Industry Co. (BYD) due to supply chain issues. This has resulted in the Battery Energy Storage System nameplate electrical capacity changing from 11.6 MW/23.1 MWH to 17.18 MW/34.36 MWH. The increase in size was driven by the different available battery cabinet/rack sizes of the BYD system, as well as battery energy degradation considerations and system configuration updates, while still meeting the same minimum power/energy and reliability requirements.
2. Sentinel will now remain a NERC CIP Low Impact facility. This has resulted in some security modifications no longer being required.

The previously submitted application to the South Coast Air Quality Management District remains unchanged.

A separate Material Modification application to the California Independent System Operator to address the addition of the relatively small Battery Energy Storage System to the 850 MW Sentinel electric interconnection will also be submitted.

Sentinel Energy Center
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There are no new emissions sources or significant environmental impacts introduced by any of these changes. Included as part of the Petition to Amend are proposed changes to several Conditions of Certification to align them with these proposed changes.

We look forward to working with you and the California Energy Commission Staff on this Petition. Please contact Bernard Pastorik at b.pastorik@dgc-us.com or Wayne Forsyth at w.forsyth@dgc-us.com if you have questions.

Sincerely,

Mike Cruz

Mike Cruz

Asset Manager Representative

Sentinel Energy Center, LLC

cc: Christian Aviles, South Coast Air Quality Management District

Bernard Pastorik, SEC

Wayne Forsyth, SEC

Greg Wolffe, Yorke Engineering, LLC

Stephanie Wien, Yorke Engineering, LLC