



E X T E R N A L M E M O R A N D U M

---

TO: Kyle Jenkins  
FROM: Benjamin Cotts, Ph.D  
DATE: October 24, 2025  
SUBJECT: Hillman Energy Center – New Battery Manufacturer

---

On March 31<sup>st</sup> 2025, Exponent provided a report (Exponent Report) regarding the electromagnetic (EM) fields associated with the proposed Hillman Energy Center, a 125-megawatt (MW) battery energy storage system (BESS) proposed to be constructed near 73 and 75 Hillman Street in Tewksbury, Massachusetts (the Project).

Exponent understands that instead of batteries from Sungrow a different manufacturer, Hithium, will be used in the Project. The battery manufacturer does not affect the EM analysis performed and discussed in the Exponent Report. Additionally, Exponent understands that any related changes to the Project as a result of the change in battery manufacturer do not alter the distances from the project elements (i.e., battery banks, direct current [DC] lines, power inverters, alternating current feeder lines, project substation, and Gen-Tie line) to adjacent property lines and structures. Thus, the evaluation provided in the Exponent Report will not change as a result of the new battery manufacturer and the conclusions of the Exponent Report remain unchanged:

*All Project elements that produce EM fields are hundreds of feet from the nearest residential neighborhood. At one residence, approximately 83 feet from the nearest Project-related infrastructure, EM field levels would be somewhat higher than at other residences. However, all field levels (DC, 60-Hz, and RF) from the Project at these locations are expected to be low and far below the exposure limits for the general public recommended by ICNIRP and ICES (ICNIRP, 2009, 2010; ICES, 2019).*

*Scientific and health organizations that have reviewed the research on 60-Hz EMF and DC EM fields and health have been consistent in their overall conclusions that exposure to these fields at the levels experienced in our everyday environment do not cause or contribute to adverse health effects in adults or children. (p. 13)*

A handwritten signature in black ink that reads "Benjamin Cotts".