

DOCKETED

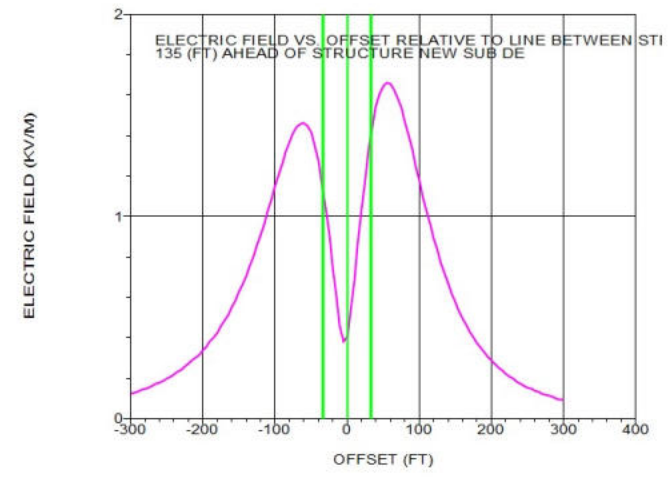
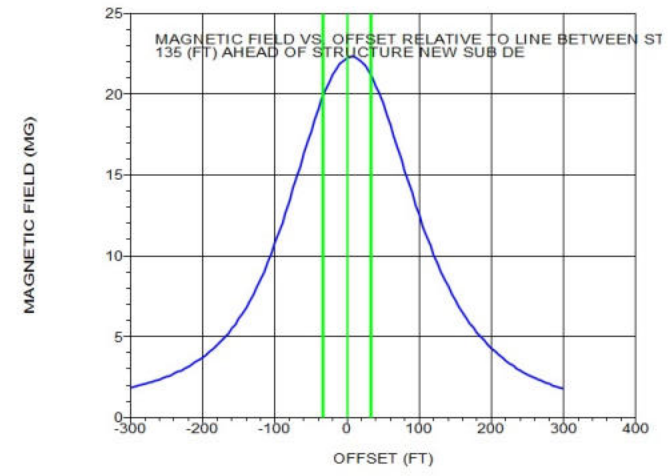
Docket Number:	24-OPT-04
Project Title:	Potentia-Viridi Battery Energy Storage System
TN #:	260793
Document Title:	DR Response 1 - EMF and EF Calculations
Description:	Provides the EMF and EF Calculations
Filer:	Ronelle Candia
Organization:	Dudek
Submitter Role:	Applicant Consultant
Submission Date:	12/23/2024 10:11:09 AM
Docketed Date:	12/23/2024

Attachment 7

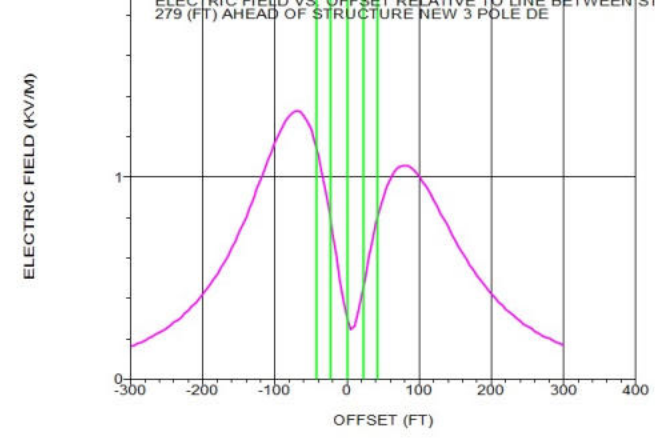
EMF and EF Calculations

25	500.0	608.0	PIGWEEED_AAC_GCC - Light 5000.wir	2300.0	61W	Pigweed/AAC	- General Cable	[Chart D61/0/0]	2	18.000	0.874	125 (deg F)	Creep	RS	Left	125.000	3.966
26	500.0	608.0	PIGWEEED_AAC_GCC - Light 10000.wir	2300.0	61W	Pigweed/AAC	- General Cable	[Chart D61/0/0]	2	18.000	0.874	125 (deg F)	Creep	RS	Left	125.000	3.966
27	500.0	608.0	PIGWEEED_AAC_GCC - Light 10000.wir	2300.0	61W	Pigweed/AAC	- General Cable	[Chart D61/0/0]	2	18.000	0.874	125 (deg F)	Creep	RS	Left	125.000	3.966
28	500.0	608.0	PIGWEEED_AAC_GCC - Light 5000.wir	2300.0	61W	Pigweed/AAC	- General Cable	[Chart D61/0/0]	2	18.000	0.874	125 (deg F)	Creep	RS	Left	125.000	3.966

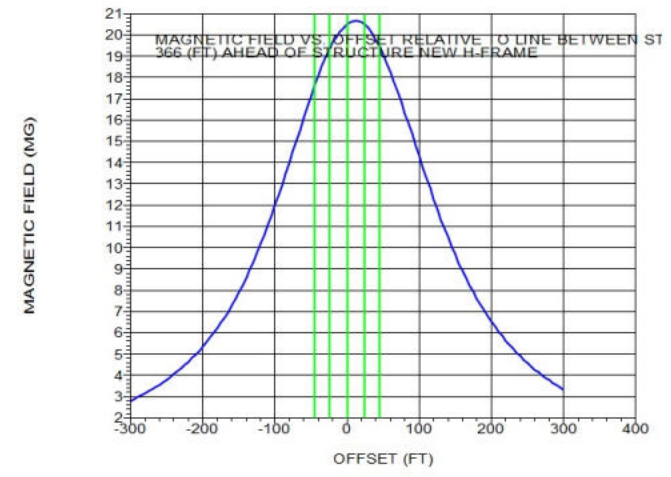
Mid-span cross section results between structures New SUB DE and New 3 Pole DE

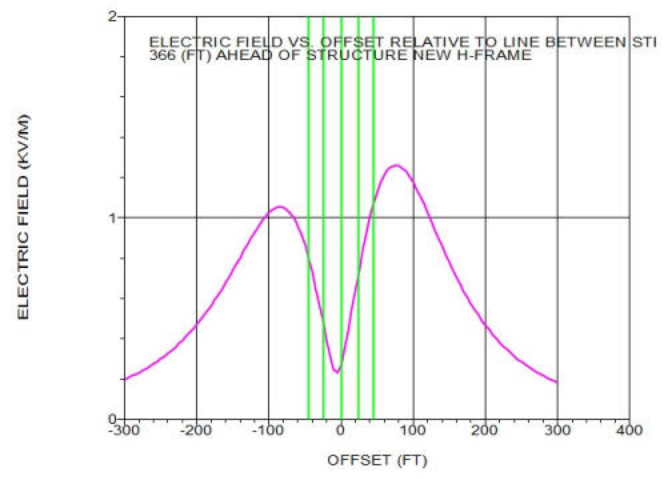


Mid-span cross section results between structures New 3 Pole DE and New H-Frame

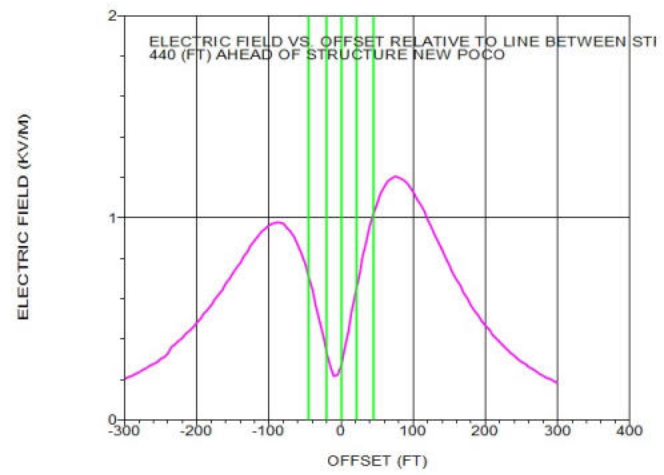
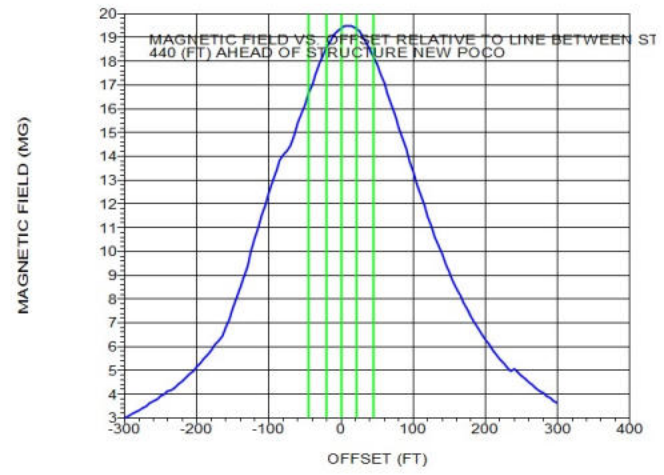


Mid-span cross section results between structures New H-Frame and NEW POCO

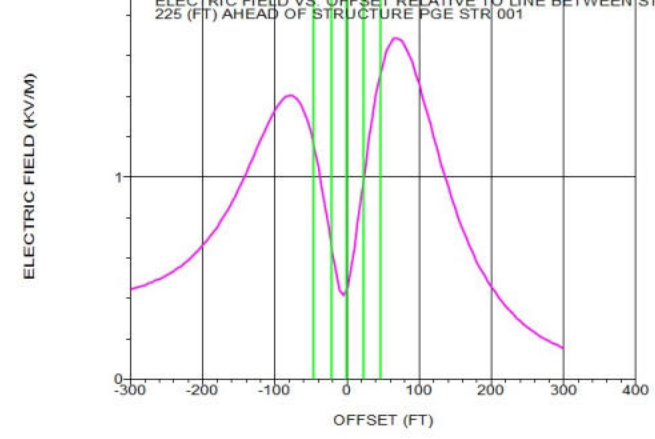




Mid-span cross section results between structures NEW POCO and PGE STR 001



Mid-span cross section results between structures PGE STR 001 and SUB BAY DE



ELECTRIC FIELD VS OFFSET RELATIVE TO LINE BETWEEN ST
225 (FT) AHEAD OF STRUCTURE PGE STR 001