

PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans Discovery 2022
Data Response

PG&E Data Request No.:	MGRA_002-Q24		
PG&E File Name:	WMP-Discovery2022_DR_MGRA_002-Q24		
Request Date:	March 23, 2022	Requester DR No.:	MGRA-PGE-WMP22_DataRequest2
Date Sent:	March 28, 2022	Requesting Party:	Mussey Grade Road Alliance
PG&E Witness:		Requester:	Joseph Mitchell

SUBJECT: NEW TECHNOLOGIES AND PILOTS

QUESTION 24

On p. 7.1.E-Atch1-21, the RSE for REFCL is given as 40. Please explain the factors that go into reaching this low estimate.

ANSWER 24

The factors that go into reaching the RSE estimate of 40 for REFCL are outlined in attachment WMP-Discovery2022_DR_CalAdvocates_013-Q11Atch01.xls submitted with PG&E's response to Cal Advocates' Data Request, Set 13, Question 11. The RSE is based on the program exposure, effectiveness of ignition frequency reduction, benefit length, and program cost as outlined in the 1-Program Exposure, 3-Eff - Freq Programs, 3-Eff - Freq Programs, and 2-Program Cost tabs of the attachment, respectively. The logic for the RSE calculation is outlined in the RSE Lite Tool Documentation in attachment 2022-02-25_PGE_2022_WMP-Update_R0_Section 7.3.a_Atch10.pdf submitted with the 2022 WMP.

PG&E has not calculated an RSE for the REFCL initiative 7.3.3.17.4. The RSE of 40 is unique to emerging technology projects and is not comparable to the RSEs for Section 7.3 initiatives generally. As mentioned in the response to WMP-Discovery2022_DR_CalAdvocates_013-Q11, further details on the assumptions for the estimated RSE score for the potential value of REFCL technology itself, if eventually proven and fully implemented, can be found in attachment 2022-02-25_PGE_2022_WMP-Update_R0_Section 7.1.E_Atch01.pdf submitted with the 2022 WMP. Please refer to the project titled "EPIC 3.15: Proactive Wires Down Mitigation Demonstration Project (Rapid Earth Fault Current Limiter)". In particular, the projects in Section 7.1.E assume ten years of deployment of the particular technology and an equal benefit life of ten years. We note that the RSE scores in this attachment for Section 7.1.E (New or Emerging Technologies) are also estimates intended to facilitate comparison among the new or emerging technology projects within Section 7.1.E only.