State of California – A Natural Resources Agency
Gavin Newsom, Governor

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Caroline Thomas Jacobs, Director

December 13, 2022

To: 2022 Wildfire Mitigation Plans docket (#2022-WMPs)

Subject: Summary table of Pacific Gas and Electric Company's responses to Energy Safety's Maturity Survey

On November 10, 2022, the Office of Energy Infrastructure Safety (Energy Safety) published its Final Decision on Pacific Gas and Electric Company's (PG&E's) 2022 Wildfire Mitigation Plan Update (Final Decision).[1] The Maturity Survey summary table was inadvertently omitted from the Final Decision and is included here as a supplement to the Final Decision. The table does not present any new information. PG&E's Maturity Survey responses and capability levels are described in Energy Safety's Final Decision. The table below displays the information in sequential order and is color-coded to be easily understood.

Please reference the 2022 Wildfire Mitigation Plan Update Guidelines for the Maturity Model rubric and for necessary context to interpret the levels shown in the table.[2] All levels are based solely on the Maturity Model rubric and on PG&E's responses to the Utility Wildfire Mitigation Maturity Survey.

Sincerely,

Lucy C Morgans

Lucy Morgans
Program Manager, Electric Safety Policy Division
Office of Energy Infrastructure Safety

cc: Forest Kaser, Deputy Executive Director, CPUC
Candace Morey, Assistant General Counsel, CPUC
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[1] Final Decision on Pacific Gas and Electric Company's 2022 Wildfire Mitigation Plan Update (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=53226&shareable=true, accessed December 5, 2022).

[2] Final 2022 Wildfire Mitigation Plan Update Guidelines (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=51912&shareable=true, accessed December 9, 2022)

PG&E's Numerical Maturity Summary Table:

Years correspond to maturity as of January 1st of the reported year. Not all categories have the same number of capabilities.

Category	Capability 1				Capability 2				Capability 3				Capability 4				Capability 5				Capability 6			
	2020	2021	2022	2023 Estd.	2020	2021	2022	2023 Estd.	2020	2021	2022	2023 Estd.	2020	2021	2022	2023 Estd.	2020	2021	2022	2023 Estd.	2020	2021	2022	2023 Estd.
A. Risk assessment and mapping	1. Climate scenario modeling and sensitivities				2. Ignition risk estimation				3. Estimation of wildfire consequences for communities				4. Estimation of wildfire and PSPS risk-reduction impact				5. Risk maps and simulation algorithms							
	0	0	1	2	0	0	3	3	0	0	1	3	0	0	3	3	0	0	1	2				
B. Situational Awareness and Forecasting	6. Weather variables collected				7. Weather data resolution				8. Weather forecasting ability				9. External sources used in weather forecasting				10. Wildfire detection processes and capabilities							
	1	2	2	2	1	1	2	2	1	1	3	3	2	2	2	2	2	2	2	2				
C. Grid design and system hardening	11. Approach to prioritizing initiatives across territory				12. Grid design for minimizing ignition risk				13. Grid design for resiliency and minimizing PSPS				14. Risk-based grid hardening and cost efficiency				15. Grid design and asset innovation							
	1	1	4	4	1	1	1	4	0	0	0	0	1	1	1	2	1	1	2	2				
D. Asset management and inspections	16. Asset inventory and condition assessments				17. Asset inspection cycle				18. Asset inspection effectiveness				19. Asset maintenance and repair				20. QA/QC for asset management							
	0	0	0	0	1	1	1	2	1	1	1	1	0	0	0	1	1	2	2	2				
E. Vegetation management and inspection	21. Vegetation inventory and condition assessments				22. Vegetation inspection cycle				23. Vegetation inspection effectiveness				24. Vegetation grow-in mitigation				25. Vegetation fall-in mitigation				26. QA/QC for vegetation management			
	0	0	0	2	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	1	2	2	2	3
F. Grid operations and protocols	27. Protective equipment and device settings				28. Incorporating ignition risk factors in grid control				29. PSPS operating model and consequence mitigation				30. Protocols for PSPS initiation				31. Protocols for PSPS re-energization				32. Ignition prevention and suppression			
	3	3	3	3	0	1	0	0	0	3	1	1	2	2	2	2	1	1	1	1	2	3	2	2
G. Data governance	33. Data collection and curation				34. Data transparency and analytics				35. Near-miss tracking				36. Data sharing with research community											
	0	0	2	2	0	0	2	2	0	2	3	3	1	1	1	4								
H. Resource allocation methodology	37. Scenario analysis across different risk levels				38. Presentation of relative risk spend efficiency for portfolio of initiatives				39. Process for determining risk spend efficiency of vegetation management initiatives				40. Process for determining risk spend efficiency of system hardening initiatives				41. Portfolio-wide initaitve allcoation methodology				42. Portfolio-wide innovation in new wildfire initiatives			
	0	0	0	2	0	0	2	2	0	2	2	2	0	2	2	2	0	0	0	0	1	1	2	2
I. Emergency planning and preparedness	43. Wildfire plan integrated with overall disaster / emergency plan				44. Plan to restore service after wildfire related outage				45. Emergency community engagement during and after wildfire				46. Protocols in place to learn from wildfire events				47. Processes for continuous improvement after wildfire and PSPS							
	0	0	4	4	2	2	2	2	0	2	0	2	0	4	4	4	0	2	4	4				
J. Stakeholder cooperation and community engagement	48. Cooperation and best practice sharing with other utilities				49. Engagement with communities on utility wildfire mitigation initiatives				50. Engagement with LEP and AFN populations				51. Collaboration with emergency response agencies				52. Collaboration on wildfire mitigation planning with stakeholders							
	0	3	3	4	3	3	3	3	2	4	4	4	2	2	3	3	0	0	2	2				