



# **Item 8: The Regents of the University of California, on behalf of the Berkeley Campus**

January 24, 2024 Business Meeting

Pooya Khodaparast  
Energy Research and Development Division  
Energy Systems and Transportation Branch



# Benefit to Californians

- Improve safety and reliability
- Reduce methane emissions
- Support ratepayer affordability
- Inform gas transition



Failure and explosion of gas pipeline, Balboa Blvd, Northridge, 1994; Source: LA Times



# University of California, Berkeley

- Integrate sensor data into seismic risk assessment model
- Evaluate pipeline status in near-real time
- Enhance predictive capabilities
- Improve decision making on mitigation measures



UCB Richmond Field Station; Source: UC Berkeley



DFOS installation on water pipeline near Hayward fault; Source: UC Berkeley





# Staff Recommendation

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- Adopt staff's determination that the project is exempt from CEQA.
- Approve grant agreement.