



# CPUC Consideration of Climate Change Adaptation

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# Climate Change Adaptation

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- May 7, 2018 – CPUC opened proceeding to consider strategies and guidance for IOUs to address and plan for climate change impacts
- First Decision, D.19-10-054:
  - Defined climate change adaptation for energy utilities in California – ‘Adjustment of utility systems and operations strategic and data-driven consideration of actual or expected climatic impacts’
  - Identified data sources
  - Specified planning standards
- Second Decision, D.20-08-046
  - Disadvantaged Vulnerable Communities
  - Vulnerability Assessment
- Proceeding remains open to cover other industries.



# Disadvantaged Vulnerable Communities

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- Goal – Disadvantaged Vulnerable Communities (DVCs) need special attention because:
  - DVCs tend to be more vulnerable to climate change
  - May need additional resources to adapt
  - Marginalized from government and IOU planning processes
- IOUs to create Community Engagement Plans to review assessments and adaptive actions with DVCs
- Build upon previous environmental justice and DAC work in its Environmental and Social Justice Action Plan and the Disadvantaged Communities Advisory Group's Equity Framework



# Disadvantaged Vulnerable Communities

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- Definition
  - 25% highest scoring census tracts on CalEnviroScreen
  - All tribal lands
  - Census tracts with median household income less than 60% of state median income
  - Rural and unincorporated areas with high pollution burden
- Maps
  - IOUs to create and post maps of DVCs on their websites



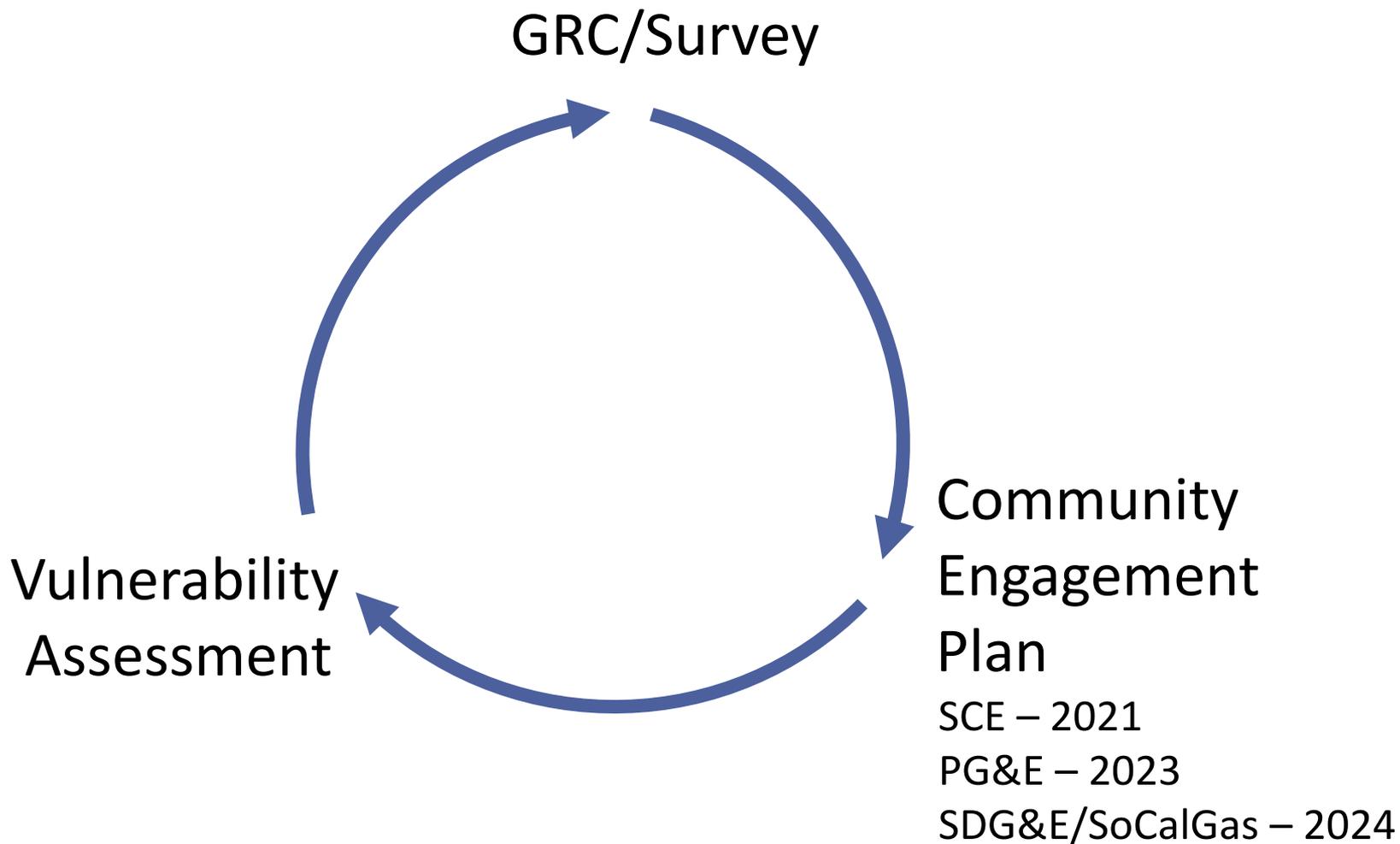
# Disadvantaged Vulnerable Communities

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- Community Engagement Plans
  - IOUs will file Community Engagement Plans (CEP) with the CPUC one year before their Vulnerability Assessments are filed
  - IOUs to draft CEPs with CBOs and DVCs in the proceeding, and other interested parties may provide input
  - Based on NRDC template included as Appendix A



# Disadvantaged Vulnerable Communities





# Disadvantaged Vulnerable Communities

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- Community Engagement
  - IOUs share draft vulnerability assessments with DVCs
  - DVCs to provide feedback to IOUs
  - IOUs incorporate feedback before submitting to CPUC
  - IOUs establish metrics for evaluating their community engagement; report on results to CPUC every four years and use results to improve future engagement



# Vulnerability Assessment

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- Vulnerability Assessments – IOU analysis of operations, infrastructure to:
  - 1) identify vulnerabilities due to climate change
  - 2) provide options for mitigation



# Vulnerability Assessment

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- IOU analysis:
  - To focus on 20-30 year timeframe, and also both short-term 10-20 year and long-term 30-50 year timeframes.
  - To consider the impact of the following climate variables, at a minimum:
    - Temperature
    - Sea level rise
    - Variations in precipitation
    - Wildfire
    - Mudslides and cascading impacts
  - Feeds into GRC to inform new and upgraded infrastructure.



# Additional Information

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- CPUC's [Climate Adaptation Webpage](#)
- To follow CPUC's Proceeding:
  - Email [Process\\_Office@cpuc.ca.gov](mailto:Process_Office@cpuc.ca.gov)
  - With:
    - Proceeding number (R.18-04-019)
    - Name, title, organization, address, phone number, and e-mail
- To contact me:
  - David Matusiak
  - [David.Matusiak@cpuc.ca.gov](mailto:David.Matusiak@cpuc.ca.gov)
  - (415) 703-2770



# Appendix C – D.20-08-046

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Cal Advocates and NRDC Framework for Community Engagement Plan, adopted as Appendix C to CPUC D.20-08-046, to be used as basis for IOU, CBO and DVC jointly-developed CEP outline



# Community Engagement Plan Framework

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## **1. The Disadvantaged Vulnerable Communities**

- Describe the DVCs—including location, boundaries, population, and other salient characteristics of community.
- Describe anticipated climate change impacts to the DVC and history of safety, affordability, and/or reliability issues.
- Explain how the IOU assessed the adaptive capacity of the community.
- Describe potential impacts to the IOU infrastructure, operations, services.



# Community Engagement Plan Framework (cont.)

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## 2. Description of Community Engagement Plan

- Prior Engagement and Training. List and Describe:
  - Prior community outreach within identified areas.
  - Prior training and expertise of staff responsible for community engagement with the DVCs or vulnerable populations.
- Purpose of IOU Community Engagement. Explain how:
  - Information obtained will inform VA.
  - Community engagement will be coordinated with other events.
  - DVC community engagement will be documented.
  - DVC community engagement will enable the greatest number of DVCs to participate (scheduling and location, facilitation, translation, explanation of technical details) to ensure informed participation in VA process.
- Anticipated Roles and Responsibilities, sample partnering agreements.
- Continuing and Planned Outreach Efforts to CBOs and Other Entities. Describe:
  - Outreach efforts to other local entities if no CBO in area, local government, relevant state agencies.
  - Methods to ensure “meaningful” community engagement.



# Community Engagement Plan Framework (cont.)

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## **3. Proposed Timeline for Community Engagement**

- Describe timeline for community engagement with DVCs that have:
  - Identified impacted utility infrastructure, operations, services.
  - No identified impacted utility infrastructure, operations, services.

## **4. Report of How Community Engagement Used**

- Describe how the IOU will:
  - Inform DVCs on whether feedback influenced VA.
  - Present community feedback in the VA.
  - Engage DVCs after the IOU submits its VA.