



CPUC Consideration of Climate Change Adaptation

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Climate Change Adaptation

- 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

- 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

- 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

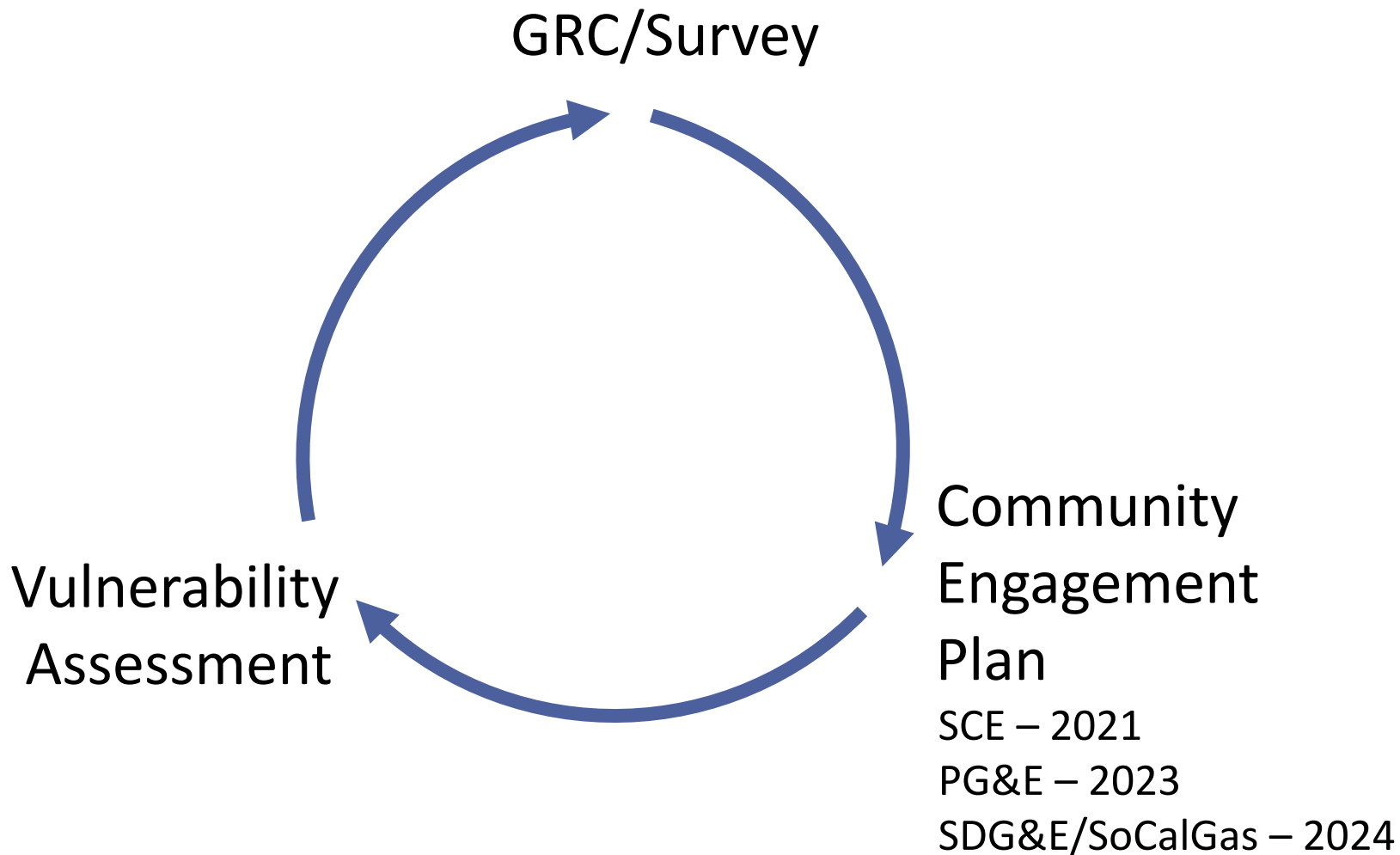


Disadvantaged Vulnerable Communities

- 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

- 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

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



Vulnerability Assessment

- 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

- CPUC's [Climate Adaptation Webpage](#)
- To follow CPUC's Proceeding:
 - Email Process_Office@cpuc.ca.gov
 - With:
 - Proceeding number (R.18-04-019)
 - Name, title, organization, address, phone number, and e-mail
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Appendix C – D.20-08-046

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

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.)

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.)

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.