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|---|---|------------------------------|---|---|---|--|-------------------|---|
| Type of Vulnerability | | | | | | | | |
| Agriculture | Buildings | Business, Recreation Tourism | Ecosystems | Emergency Preparedness and Response | Energy | Health | Land Use Planning | Water |
|  |  | \$ |  |  |  |   | |  |
| Severity of Vulnerability | | | | | | | | |
|  | | Somewhat problematic | | | | | | |
|  | | Extremely problematic | | | | | | |

| Energy Goals and Vulnerabilities Addressed | | | |
|--|----|---|--|
| Goal 1: Ensure a reliable, affordable electricity system in the context of increased heat, drought, extreme weather, wildfire, and population growth. | | | |
|  | N2 |  | Increased demand for energy stemming from climate migrants |
|  | N3 |  | Utility infrastructure may ignite fires in very hot/dry periods |
|  | N4 |  | Damage to power lines from extreme weather precipitation events resulting in service disruptions |
|  | N5 |  | Reduced hydropower production due to drought |
|  | N6 |  | Increased peak load due to hotter summers |

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|  | N7 |  | Damage to utility infrastructure from wildfires and extreme heat, resulting in significant service disruptions |
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DRAFT Guiding Principles for Prioritizing and Implementing Climate Adaptation Actions

- **Collaborate and think holistically.** Climate change touches all aspects of our lives, requiring us to collaborate in new ways, to work across sectors and silos, and to think beyond our geographic boundaries.
- **Balance immediate and long-term needs.** When prioritizing actions, select a combination of easy, quick wins and critical but challenging longer-term initiatives.
- **Build on past work.** Recognize, value, and integrate prior and ongoing work. Don't reinvent the wheel.
- **Value natural processes.** Learn from nature and protect and restore naturally resilient ecological processes.
- **Draw on tradition and culture.** Honor cultural values and draw on traditional ecological knowledge through collaborative partnerships. The Confederated Salish and Kootenai Tribes are key partners, especially given that Missoula County falls within the ancestral homelands of these tribes.
- **Act with, not for.** Maximize transparency and inclusivity in planning and implementation. Empower people with knowledge and tools to participate and take ownership of climate resiliency actions.
- **Don't exacerbate the problem.** Adaptation actions should avoid increasing our contribution to climate change or undermining the ability of other sectors or regions to adapt. Prioritize actions that reduce our contribution to climate change while building resilience.
- **Prioritize equity.** Adaptation actions should not increase inequity. Prioritize actions that build resilience while focusing on underrepresented and vulnerable groups and increasing equity.

- **Use science.** Make decisions based on the best available science while explicitly considering uncertainty.
- **Innovate and adapt.** Monitor and evaluate actions to learn what's actually working. Experiment with emerging solutions, be creative, and maintain flexibility as conditions change.
- **Focus on prevention.** When possible, prioritize actions aimed at avoiding problems rather than addressing them after they occur.