

Minneapolis Leadership in Economic and Environmental Initiatives

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AGENDA

I. Utility Regulation/POC

Integrated Resource Plan

Ways to engage

II. Equity and Environmental Justice

Green Zones

Resilience Hubs



A photograph of the Minneapolis skyline, featuring several prominent skyscrapers and a dense urban landscape. The sky is clear and blue. In the foreground, there are some trees and a highway with traffic.

Overview of Utility Regulation

REGULATION
is a
Substitute for Competition
in Monopoly Markets



Integrated Resource Plan

A planning process that:

- examines the utility's forecast of energy need in the **next 15 years**
- models various scenarios showing how **conservation and generation** can cost-effectively meet the need

Xcel's Stated Highlights

- Retire remaining coal generation by 2030 and reduce operations at some units before retirement;
- Extend the life of Monticello Nuclear to 2040;
- Add nearly 6,000 MW of new renewables;
- Adding demand-side management, including 400 MW of demand response by 2023, and annual efficiency savings of over 780 gigawatt hours;
- Add peaking resources in the latter years of the plan, while leaving the door open for new technologies

Priorities for Minneapolis

Renewable portfolio	centralized/utility scale vs. distributed/on-site
City's 10% local goal	Should be included in Xcel's modeling and PUC's decision
Coal/NG	Replace coal with clean energy, not new natural gas
Green tariff/ special contract	Include a new special contract or green tariff for cities



Priorities for Minneapolis

Diversity, Equity, Inclusion, Affordability	Lens for our analysis (affordability, EJ considerations, just transition, workforce development)
Grid Flexibility	Need for Integrated Systems Planning
Modeling assumptions	Resource costs; include efficiency as a resource
Demand Response	Need for more DR programs





Minneapolis Climate EQUITY Action Plan

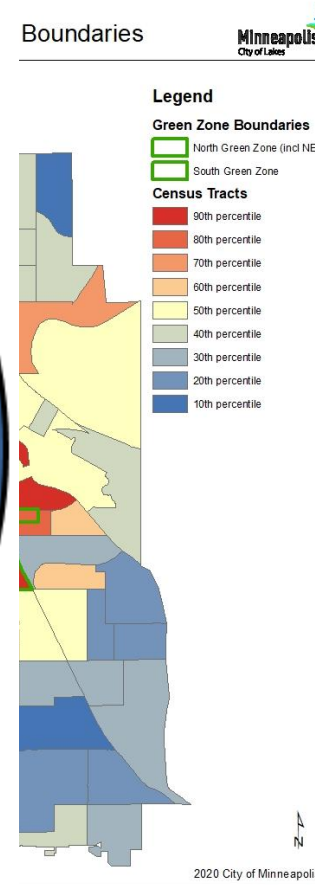
- Need: All-in for success
- Barrier: History of oppression of BIPOC and exclusion from environmental movement
- Solution: Co-created solutions grounded in environmental justice

The background image shows a city street scene. In the foreground, there is a concrete curb and some dry grass. A pedestrian bridge with a metal railing and a chain-link fence runs across the upper left. In the background, there are trees, a red building, a black street lamp, and a large wooden teepee sculpture. A traffic light is visible on the right side of the image.

What is a Green Zone?

- **Place-based** policy initiative aimed at improving **health** and supporting **economic development** using **environmentally conscious** efforts in communities that face the **cumulative effects** of environmental pollution, as well as social, political and economic vulnerability.

Minneapolis Green Zones



2017: Green Zone Designation Criteria

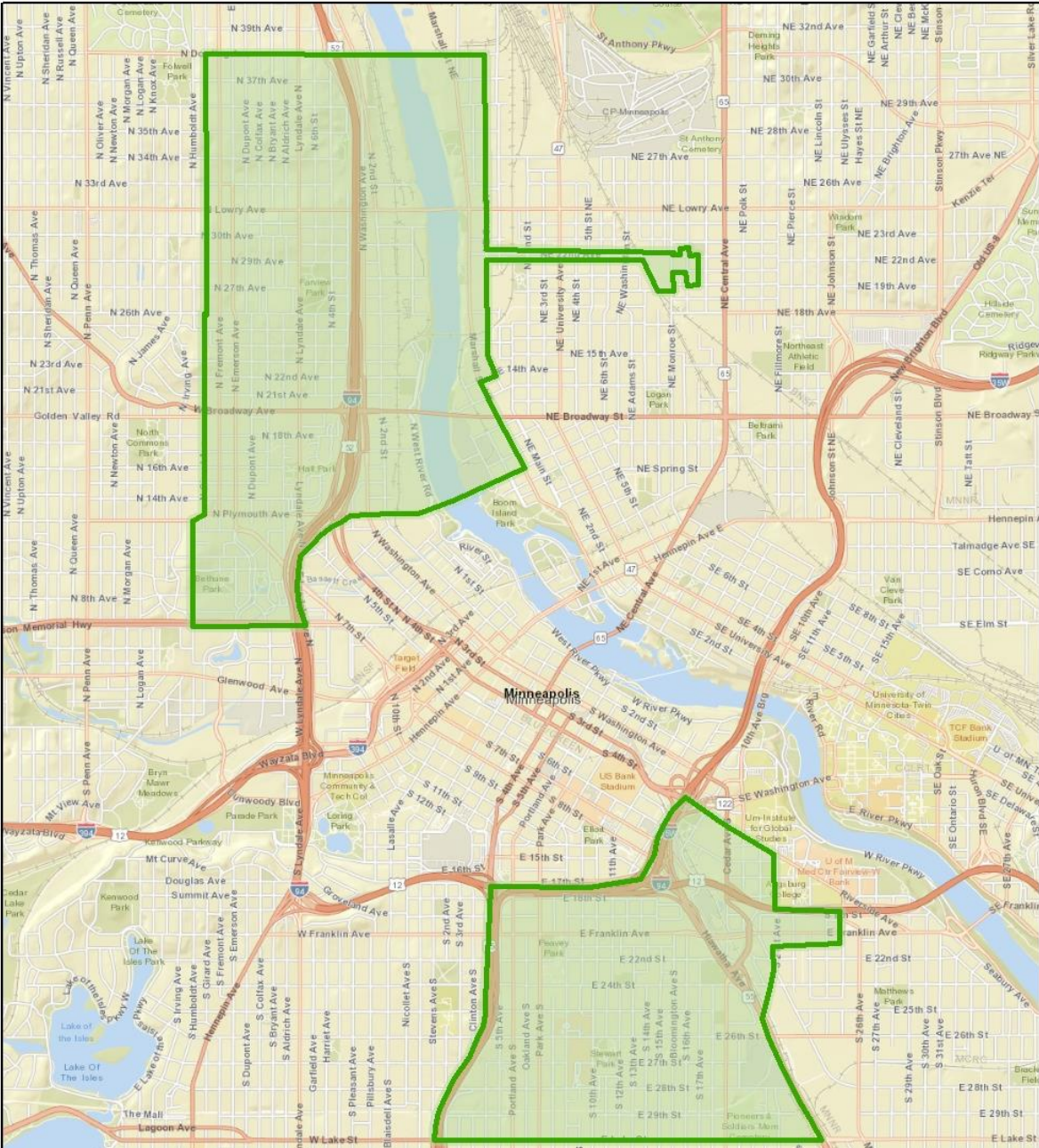
Environmental Evaluation

- + Air quality (MPCA modeled data)
- + Brownfields (brownfields & permitted sources)
- + Housing (rental tiers, affordability gap, cost burden)
- + Jobs (unemployment, proximity of jobs)
- + Greening (vegetation)
- + Food access (farmers' markets, grocery stores, food shelves, corners stores)
- [Water Quality & Access]*

Equity Evaluation

- + Health Outcomes (asthma, heart attack hospitalizations)
- + Lead risk
- + English proficiency
- + Disability status
- + Older adults (age 65+, nursing homes)
- + Youth (children <5, child care centers, schools)
- + Concentrated Poverty with majority People of Color and Indigenous People
- + Educational Attainment

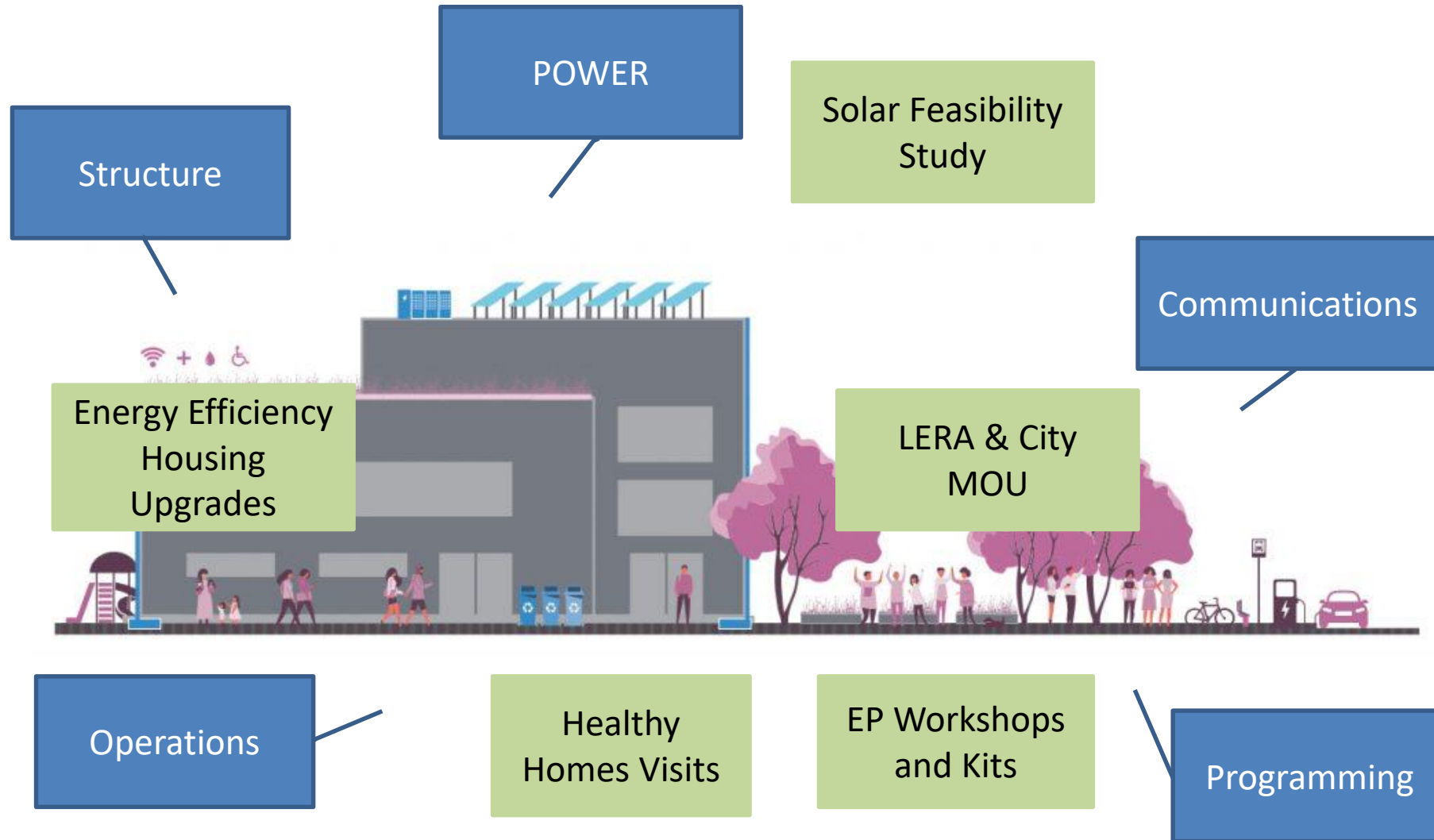
Minneapolis Green Zone Boundaries



Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri

RESILIENCE HUBS

Resilience Hubs = adaptation + mitigation + power building and shifting



A photograph of a winter scene in Minneapolis. In the foreground, there are snow-covered trees and a path. In the background, a city skyline with various high-rise buildings is visible under a clear sky. The text is overlaid on the left side of the image.

Minneapolis Climate Action & Racial Equity Fund

- Community Members for Environmental Justice
- Northside Safety N.E.T.
- Native Fellow for Little Earth Resilience Hub



Why is climate action funding needed?

- Expanse of private influence
- Limit of City control
- Under-representation of BIPOC due to historic exclusion and continued disinvestment

A wide-angle photograph of the Minneapolis skyline under a clear blue sky. The city's downtown area is filled with various skyscrapers and commercial buildings. In the foreground, there are some lower-rise buildings, trees, and a highway with traffic. The overall scene is bright and clear.

Thank you!

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