Community Power offers this proposed slate of work plan items intended to **ramp up**, **expand access**, and **provide new models** for reaching the city's ambitious climate action goals.

Context

The city's Energy Vision 2040 says that:

> *In 2040, Minneapolis's energy system will provide reliable, affordable, local and clean energy services for Minneapolis homes, businesses, and institutions: sustaining the city's economy and environment and contributing to a more socially just community*

The goals of the Energy Vision and Climate Action Plan include:

- Clean
  - Reduce greenhouse gas emissions by 25% by 2025 and 80% by 2050
  - Reach an electricity supply that is almost carbon emission free by 2040
- Local
  - Increasingly use local renewable energy resources (including solar, biomass, hydro and wind)...to supply 10% of electricity used in the city by 2025
  - Integrate efficient community scale heating and cooling systems into many high density developments across the city. Use combined heat and power facilities to provide efficient energy in district energy and industrial applications in many areas of the city
- Equitable
  - Race, ethnicity, income, and age are no longer indicators for who bears pollution impacts or receives economic or environmental benefits
  - Reach 75% of single- and multi-family households with whole-house energy efficiency retrofit services by 2025 (up from 5% in 2012)
  - Energy use and efficiency data is seamlessly available...Businesses and residents consider energy information in economic decisions from making additional energy efficiency investments, making purchasing decisions, or renting or buying property.
- Affordable
  - The energy infrastructure serving the city affordably meets the basic needs of residents, such as adequate heating, cooling and lighting.
  - Reduce energy use by 17% by 2025
- Reliable
  - Smart infrastructure ensures high levels of reliability, promotes energy efficiency, and enables high levels of local interaction and coordination while protecting customer privacy. High power quality helps make Minneapolis a competitive location for power-sensitive industries

Ramp Up

The 2017-18 Work Plan should **ramp up energy service delivery by**:

- Showing a concrete plan for **reaching an average of 7% of households per year** through 2025
- Hiring **full-time energy organizers in every disadvantaged "neighborhood"** to reduce or eliminate disparities in delivery of services by race, socioeconomic, or homeownership status
- **Providing tariff-based on-bill repayment** so that all households reached can participate
- **Adopting a point-of-sale energy disclosure (based on a rigorous audit)** providing prospective buyers/tenants with energy use information about their home and meaningful tools to reduce energy costs.
- **Requiring multi-family building landlords to act** and take advantage of on-bill repayment to capture energy savings if requested by their tenants

The 2017-18 Work Plan should **ramp up the city's renewable energy consumption to 100% by**:

- Creating an RFP by June 30, 2017, for construction of **5 megawatts of community solar on public buildings** with a focus on low-income subscription access
- Having the city purchase sufficient community solar or rural renewable energy projects sufficient to provide **100% renewable electricity for city enterprise electricity use**

The 2017-18 Work Plan should ramp up resources for the Clean Energy Partnership by including an **increase in the franchise fee for gas and electricity**.

Expand Access

The 2017-18 Work Plan should **expand access by**:

- **Providing tariff-based on-bill repayment** so that all households reached can participate
- Requiring multi-family building landlords to act and take advantage of on-bill repayment to capture energy savings **if requested by their tenants**
- **Expanding the Lake Street Partnership small business coaching program citywide**
- Including construction of 5 megawatts of community solar on public buildings with a focus on **low-income subscription access**

Create New Models

The 2017-18 Work Plan should create new models by:

- **Conducting a thermal imaging flyover** to identify properties most likely to need weatherization services
- Identifying **renewable replacement electricity for HERC-provided electricity**
- **Supporting adopting of inclining block rates** for electricity consumption to reduce energy cost burdens on low-income (which are primarily low-use) households
- Creating an **aggregated residential electricity demand response pilot** as a national model for how smart technology and off-the-shelf technology can reduce peak energy use
- Offering an **inexpensive off-peak charging tariff for electric vehicles** that requires minimal new hardware (and not a second electric meter)
- **Piloting renewable heating options** including anaerobic digestion, district heating with geothermal, or heat pumps supplied by renewable electricity
- **Having the city own and capture the renewable energy credits from rural renewable energy projects** that generate revenue by direct sales to the utility, produce power, and reduce reliance on fossil fuels