

Summary Metrics Recommendation

Energy Vision Advisory Committee - Clean Energy Partnership

Working Group Attendees: Bridget Dockter, Trevor Drake, Chris Duffin, John Farrell, Nick Mark, Katie Schmitt, Brendon Slotterback and William Weber

The Energy Vision Advisory Committee sub-group met twice to discuss the metrics put forward in the current two year plan of the Clean Energy Partnership. Consideration was given to both the intent and the scope of the proposed metrics. The working group expressed an interest in metrics that were comprehensive; balanced; practical; align with and inform programs; and consider issues of equity with regard to energy and the impact of energy infrastructure across the community.

The working group concluded that two types of metrics are needed to provide meaningful feedback to the Clean Energy Partnership; primary metrics and effectiveness measures. Primary metrics are measures that correlate directly to the state goals of the Minneapolis Climate Action Plan goals and strategies (below) across work plan items, for example total greenhouse gas emissions. Effectiveness measures are metrics tracking program efficacy and impact related to work plan items, for example geography and demographics.

Climate Action Plan Goals & Strategies

1. Reduce GHG emissions 30% by 2025 (from 2006 levels)
2. Increase efficiency of commercial buildings 20% from growth baseline by 2025
3. Increase efficiency of residential buildings 15% from growth baseline by 2025
4. Increase local or directly purchased renewable energy to 10% of total by 2025
5. Help 75% of homeowners participate in whole house energy efficiency retrofit programs by 2025 (with equitable distribution)
6. Help 75% of 5+ unit buildings participate in multi-family EE program by 2025 (with equitable distribution)

The metric working group recommends the goals for the CEP from the Climate Action Plan be expanded to include the following language, “eliminating disparities by income and race.” This action will highlight the commitment by all involved to give consideration of energy equity across programs. The metrics as propose included measurement and tracking of factors required to track progress related to this goal.

The current metrics as noted in the two year plan are made up of both primary metrics and effectiveness measures. They are as follows:

1. Citywide GHG emissions
 - 1.1 GHG emissions from electricity use
 - 1.2 GHG emissions from natural gas use
2. Commercial building energy use
 - 2.1 Commercial building benchmarking results
 - 2.2 Commercial utility EE program utilization
3. Residential building energy use

4. Local or directly purchase renewable energy
 - 4.1 Windsource customers
 - 4.2 Community solar garden subscribers
5. Home Energy Squad visits
 - 5.1 Percent of eligible properties served by HES
 - 5.2 HES-driven loans
6. Low-income visits
7. Air sealing/insulation (ASI)
8. Multi-family program participation
 - 8.1 Percent of eligible MF properties

In addition to the current metrics listed, the working group recommends that the Clean Energy Partnership develop metrics to track the following:

1. Employment and workforce training
2. Woman and Minority Business Participation
3. Economic activity related to EE spending
4. Total city wide greenhouse gas emissions by activity in alignment with the city inventory (roads, solid waste, etc.)

The intent of these additional metrics is to strengthen the measurement of the impact and progress the CEP has on accessibility, economic impact and equity across programs, and track progress toward the cities total greenhouse gas reduction targets. EVAC looks forward to future discussions with the board and planning staff regarding their recommendations of specific methodology to measure these factors.

Specific effectiveness measures should be determined by the partnership related to individual programs. Consideration should be given but not limited to the following:

- customer type
- participation rates
- geography
- demographics
- conversion rates

Geography

The primary geographic breakdown for metrics will be census tracts and citywide. Additional Neighborhood level and building level data will also be used as appropriate for program tracking.

Engagement Tracking

The group also recommends the tracking of engagement efforts separately and in addition to the metrics adopted by the Clean Energy Partnership Board. All program engagement should include clear outcome measures specific to program goals and outcomes.