

**Interim 2019-2021 Work Plan Progress Report – Q3 2019**  
**Clean Energy Partnership Q3 Board Meeting**  
**September 16, 2019**

| 2019-2021 Partnership Activity  | 2019 Q3 Progress Description   |
|---|--|
| <b>EE.1</b> REDUCE NATURAL GAS USE FOR RESIDENTIAL CUSTOMERS                        | <p>In Q2, CenterPoint Energy engaged ILLUME*, a consulting firm that specializes in data analytics and consulting for the energy industry, to execute the scope of work for the first phase of this Partnership Activity. Illume is working with CenterPoint Energy to automate processes to profile energy savings potential and customer characteristics by geographic areas. In Q2, EVAC provided input on possible data points and resources to consider for the project. In Q3, the project team will solicit EVAC's input on the presentation of data summaries to be used for developing strategies to engage customers in energy efficiency.</p> <p>*Illume was recently recognized by Ivy Exec who ranked Illume No.1 for leadership on its 2017 <i>Women-Led Businesses to Work For</i> rankings in the <i>Disruptive Businesses</i> category.</p>   |
| <b>EE.2</b> REDUCE ENERGY USE FOR HIGH ENERGY SAVING POTENTIAL COMMERCIAL CUSTOMERS | <p>Partners met in early June to discuss next steps. Minneapolis provided an updated benchmarking list of high Energy Use Intensity (EUI) and energy saving potential users. Xcel Energy and CenterPoint Energy will work together to identify the list of customers to focus this comprehensive approach using account managers, program managers, additional technologies and focused collaboration.</p> <p>In August, the City filled comments with the Department of Commerce (Department) recommending that the Department require Xcel Energy and CenterPoint Energy to develop and propose a low-cost or no-cost, joint commercial and industrial audit project in the utilities' next CIP plan filings. The City has identified an opportunity for a joint utility commercial energy audit program to help with implementation of the revised commercial energy disclosure ordinance. The City also believes a joint program would lead to higher program utilization, a better experience for customers, and greater program effectiveness and energy savings.</p> <p>CenterPoint Energy is currently in the process of evaluating its existing commercial audit program, Natural Gas Energy Analysis (NGEA). One of the questions the Company has posed to its third-party evaluation vendor is how the existing program fits into the</p> |

| <b>2019-2021 Partnership Activity</b>   | <b>2019 Q3 Progress Description</b>   |
|---|---|
|   | <p>current landscape of commercial/industrial audit offerings available to CenterPoint Energy customers. Commercial/industrial building systems and program offerings are much more diverse and complex compared to the residential sector. The Company commits to consider whether a joint offering would be of value following the completion of the NGEA evaluation.</p> <p>Xcel Energy filed a response to the City's request stating the Company is open to exploring a joint commercial and industrial audit program. However, the Company believes the proposed filing date to create such a program (June 1, 2020) is highly ambitious to create a well-structured program, especially since CenterPoint Energy is currently in the middle of an evaluation of their existing NGEA program and current contractual agreements with its vendors.</p> |
| <b>EE.3 PURSUE ENERGY EFFICIENCY “PERFORMANCE PATH” AT CITY FACILITIES</b>                      | <p>Xcel Energy developed an EE pilot program that will help the City of Minneapolis reach its 10% energy use reduction goal for City facilities by 2020. The City’s Energy Manager has asked to focus on building automation optimization and identified sites. Xcel Energy also recommends specific building operator certification training for City building managers. Next step is to set up site visits and building operator training.</p> <p>CenterPoint Energy conducted site visits to evaluate over 70 gas meters at City facilities for possible upgrades for automated daily meter reads. City Facilities staff is reviewing the information on meter upgrade potential and costs to determine next steps.</p>  |
| <b>EE.4 FIELD TEST ENERGY EFFICIENCY AND CARBON CAPTURE TECHNOLOGY</b>                          | <p>In Q2, CenterPoint Energy and CleanO2 Carbon Capture Technologies evaluated 22 sites for possible inclusion in CenterPoint’s Carbon Capture Technology Pilot. CenterPoint made offers to eight customers to pilot nine CleanO2 units across the metro area (two of the sites are at City facilities and another site is located within the City of Minneapolis). The first carbon capture unit is expected to be installed in Minneapolis in September.</p>  |
| <b>EE.5 SUPPORT RESIDENTIAL ENERGY DISCLOSURE POLICIES BY MAKING DATA ACCESSIBLE WITH TOOLS</b> | <p>The Partners have met multiple times to discuss a range of data release options with the goal of creating an easy to use system for rental property owners and tenants, that minimizes data release requests from the ordinance and associated buildout expenses. Each partner has proposed a number of options, but have not</p>  |

| <b>2019-2021 Partnership Activity</b>   | <b>2019 Q3 Progress Description</b>   |
|---|---|
|   | <p>settled upon an option agreeable to all partners.</p> <p>The Partners will continue to meet to find a solution and will engage in Minnesota Public Utility Commission proceedings regarding data privacy that may impact the Partners' work on this activity.</p>  |
| <b>RE.1 INSTALL ELECTRIC VEHICLE INFRASTRUCTURE FOR CITY FLEET</b>                              | <p>Xcel Energy and Minneapolis met in late July to discuss next steps. The City is currently reviewing Xcel Energy's customer service agreement. A follow-up meeting will be planned in September.</p>  |
| <b>RE.2 ACHIEVE 100% RENEWABLE ELECTRICITY FOR CITY ENTERPRISE AND COMMUNITY PATHWAY</b>        | <p>The City's Finance and Property Services group released a public Request for Information (RFI) in June as part of the City enterprise's ongoing planning for achieving our 100% renewable electricity goal for City operations. In particular, the City is interested in feasible renewable electricity concepts to meet the City enterprise's anticipated electricity need of 100 million kWh in 2023. Additionally, the City is interested in concepts that may also be applicable to the City's community-wide renewable electricity goal by 2030.</p> <p>The City has strongly encouraged Xcel Energy to respond with novel concepts and hopes to receive compelling ideas from other groups interested parties as well. Responses are due by October 16.</p> <p>Xcel Energy is currently reviewing options for the RFI.</p>   |
| <b>RE.3 PROVIDE SOLAR GARDEN AND ENERGY EFFICIENCY OPPORTUNITIES FOR LOW-INCOME COMMUNITIES</b> | <p>An Xcel Energy RDF grant was approved by the PUC. Grant recipient and City of Minneapolis have determined a Low-Income Community Solar Garden site on City property in northeast Minneapolis. A lease agreement needs to be signed. Adjusted grantee contract with Xcel Energy needs to be signed once the array specs are finalized. Grantee and City have indicated they would like to pursue an extension of the original grant offering due to construction and other project delays. Once Xcel Energy receives the amended contract, we will file with the PUC for final approval. Project extension may be necessary to meet original PUC allotted timeline. Xcel Energy, grant recipient and the City have met several times to discuss the lease, amendment to the grantees contract, subscriber efforts and energy efficiency outreach. Subscribers may be identified through the City's 4D program and</p> |

| <b>2019-2021 Partnership Activity</b>  | <b>2019 Q3 Progress Description</b>   |
|--|---|
|  | energy efficiency roll-out plan.  |
| <b>WD.1 IMPROVE EQUITABLE ACCESS TO CLEAN ENERGY JOBS</b>                        | The completed <a href="#">Minneapolis Renewable Electricity and Energy Efficiency Workforce Assessment</a> will be presented as an agenda item at Q3 EVAC meeting on September 17 and will include time for reaction and discussion.  |
| <b>IF.1 IMPROVE ACCESS TO ENERGY EFFICIENCY BY PROVIDING INCLUSIVE FINANCING</b> | On June 17, 2019, the Minneapolis Clean Energy Partnership Board approved Inclusive Financing program key features and directed next steps regarding Inclusive Financing feasibility and pilot program development. In Q3, the Partners, along with several other stakeholders, participated on the advisory working group for a study on <a href="#">Tariffed On-Bill Financing Feasibility</a> prepared by the Cadmus group for the University of Minnesota Energy Transition Lab. The study, published August 2019, assesses the economic feasibility of inclusive financing in Minnesota. |