

July 26, 2022

Deputy Commissioner Kevin Lee Minnesota Department of Commerce, Division of Energy Resources 85 7th Place East, Suite 500 St. Paul, MN 55101

RE: Center for Energy and Environment's Comments in the Matter of CenterPoint Energy's Request to Modify its 2021-2023 Conservation Improvement Program

Docket Numbers G-008/CIP-20-478, G-008/21-377

Dear Deputy Commissioner Lee,

Center for Energy and Environment ("CEE") respectfully submits these Comments to the Minnesota Department of Commerce, Division of Energy Resources ("Department") in response to CenterPoint Energy's June 29, 2022 request to modify its 2021-2023 Conservation Improvement Program ("CIP") Triennial Plan.

Background

CenterPoint Energy's (or "the Company") CIP modification request proposes changes to its Low-Income Multi-Family Housing Rebates ("LIMF") and Multi-Family Building Efficiency ("MFBE") programs, including:

- Combining the two programs into a single offering called the Low-Income Multi-Family Building Efficiency ("LI MFBE") program.
- Increasing incentives for income-eligible multi-family properties.
- Offering consistent energy efficiency services to all income-eligible multi-family properties across the CenterPoint Energy territory.
- Adding trade ally incentives to encourage trade allies to promote the program and complete rebate paperwork.
- New energy efficiency measures, including commercial programmable thermostats and air sealing and insulation for attics and walls.
- Increased marketing budgets.

The Company explained in the modification request that the proposed changes are intended to better align conservation offerings for larger multi-family buildings (i.e. five or more units) with

those already offered to income-eligible one-to-four-unit multi-family properties and to enable the Company to meet the new low-income spending requirement.¹

CEE appreciates the Company's interest in improving and expanding services for low-income multi-family properties through its CIP and we support many of the Company's proposed changes including simplifying the service offerings and adding air sealing and insulation measures. CEE and CenterPoint Energy have had numerous discussions about streamlining and expanding CIP services for low-income multi-family properties in anticipation of this filing and as a potential alternative to the Company's proposed Tariffed On-Bill Financing ("TOB") Pilot Program.²

The Company's proposed TOB Pilot Program is a financing program aimed at increasing access to energy efficiency services for renters. Stakeholders to the docket agree that the Company can and should do more to increase access to energy efficiency services for renters. However, the proposed TOB Pilot Program design raises many concerns for CEE and other stakeholders, including the Department, related to consumer protections, cost-effectiveness, cost-recovery, and legality. Moreover, the proposed TOB Pilot Program would create a parallel regulatory framework for energy efficiency investments and cost-recovery. Therefore, CEE and other stakeholders to the proposed TOB Pilot Program docket have encouraged the Company to work through the CIP regulatory framework to expand and improve energy efficiency services for moderate- and low-income homeowners and renters, rather than pursue a separate regulatory process through a TOB model. In fact, the Minnesota Public Utilities Commission ("Commission") ordered the Company to develop a new or expanded low-income CIP proposal focusing on renters in the Company's last rate case.³ It is our understanding that this modification request is the Company's response to the Commission's Order and stakeholder requests. As such, we are filing these Comments in the proposed TOB Pilot Program docket as well as the Company's CIP docket.

Comments

CEE believes that the Company's modification request is a positive step toward improving access to CIP services for renters in the Company's service territory. We are especially pleased that CenterPoint Energy added air sealing and insulation measures to the LI MFBE program. Air sealing and insulation measures are among the most long-lasting and beneficial measures that can be implemented in multi-family properties, especially in small- to medium-sized buildings.

However, we believe that the Company must do more than the proposed changes included in the modification request to adequately meet the needs of renters, especially low-income renters in the Company's service territory. We support streamlining the LIMF and MFBE programs into a

¹ Minnesota Statute 216B.241, Subdivision 7.

² Docket Number G-008/M-21-377

³ Ordering Point nine in the Commission's March 1, 2021 Order in Docket G-008/GR-19-524.

single offering for income-eligible multifamily properties with five or more units and the new building envelope measures proposed for inclusion in LI MFBE. However, we recommend the Department require the Company to increase the incentives proposed in the modification request and make the incentive calculations more transparent and understandable to potential participants by setting incentives at 50 percent of the total project cost; fund pre-weatherization measures through the new proposed LI MFBE program; and expand the Company's other CIP programs and offerings that serve low- to moderate-income renters and homeowners.

1. CenterPoint Energy should provide incentives to LI MFBE participants equal to 50 percent of the total project cost.

On page 2 of the Company's cover letter to the modification request, the Company states that the proposed changes to the LIMF and MFBE program are intended to "better support lowincome eligible 5+ unit multi-family properties through the CIP, [and] better align that support with what is offered to customers with low-income eligible 1-4 unit multi-family properties through existing dedicated low-income programs." CEE agrees that the modification request improves upon the Company's current CIP offerings for income-eligible multi-family properties with five or more units. However, the modification request does not align, or even come close to, the relative incentive levels that the Company currently provides for one-to-four-unit, income-eligible multifamily properties.

The Low Income Rental Efficiency ("LIRE") program is the Company's primary offering for incomeeligible rental properties with one-to-four units. LIRE offers comprehensive energy efficiency services to property owners, renting to low-income tenants in one-to-four unit dwellings. LIRE provides a free energy audit to participants and then pays, upfront, for 50 percent of the total cost of any recommended energy efficiency upgrades, including attic and wall insulation, airsealing, exhaust fans, furnaces, boilers, and water heaters. LIRE has proven a successful model for motivating property owners to make energy efficiency improvements to the buildings they own, by providing transparent and easy to calculate incentives that offset half of the total project cost. Importantly, LIRE provides funding directly to contractors upfront so that participants do not have to fund the full project costs and wait for a rebate to be paid at a later date. This component is especially helpful for obtaining project financing.

CEE analyzed the incentive levels that would result through the LI MFBE program, based on the Company's modification request, by applying the proposed incentive structure to several case studies. The case studies represent real multifamily properties that recently completed energy efficiency projects through the 4d Green Cost Share Program⁴ utilizing incentives from CenterPoint Energy and the City of Minneapolis. CEE's analysis of these case studies is included as Attachment A to these Comments. As shown in Attachment A, CenterPoint Energy's proposed

⁴ https://www.mncee.org/minneapolis-green-4d-cost-share /

rebate structure for the LI MFBE program would result in rebate levels that represent between 4.6 and 22 percent of project cost.

Based on CEE's knowledge and experience working on energy efficiency services for multifamily properties, we believe that the Company's proposed rebate levels are insufficient to motivate property owners to implement energy efficiency improvements.

Additionally, CEE's analysis highlights the large range of incentive levels that potential participants would receive. The rebate structure included in CenterPoint Energy's modification request is complex, difficult to calculate, and highly variable relative to actual program costs. The rebate structure includes different incentives for each measure implemented, each with its own calculation based on the size of the building and equipment and/or baseline efficiency at the building.

CEE understands that the incentive structure is designed to calibrate incentives to energy savings and improve cost-effectiveness. We agree that such an approach may be appropriate for market rate programs. However, in the low-income multi-family sector, this approach introduces unnecessary uncertainty and confusion, and will limit participation by property owners. Further, the Company could proactively target energy intensive buildings, using energy consumption data, to increase energy savings of the program and improve cost-effectiveness.

CEE believes that the Company's proposed rebates are insufficient to motivate property owners and that the proposed rebate structure is too complicated and confusing to potential participants. Implementing such a rebate structure will limit participation by eligible property owners, which will in turn limit energy efficiency services and the resulting benefits for lowincome tenants.

CEE recommends that the Department require the Company to restructure the incentives of the proposed LI MFBE program to be equal to 50 percent of total project costs and paid upfront to project contractors. This incentive structure would result in transparent, understandable rebates at a level that has proven, through LIRE, to successfully motivate property owners.

2. CenterPoint Energy should fund pre-weatherization measures through the proposed LI MFBE program.

Minnesota Statute §216B.241 Subdivision 7(f) states that, "Up to 15 percent of a public utility's spending on low-income programs may be spent on pre-weatherization measures." Preweatherization measures include health, safety, and structural improvements needed to complete an energy efficiency improvement. CenterPoint Energy recently received approval from the Department to fund pre-weatherization measures through its Low-Income Weatherization program, LIRE program, and Non-Profit Affordable Housing Program.⁵

⁵ The Department's January 31, 2022 Decision in this docket.

On page eight of the Company's modification request, the Company states, "CenterPoint Energy considered the addition of pre-weatherization measures to the LI MFBE program, but is not planning to allocate budget for completing these measures at this point in time." The Company states that it needs additional time to understand the potential scale of pre-weatherization needed for larger multi-family properties.

CEE understands the Company's concern that pre-weatherization work may be more extensive or expensive in larger multi-family properties as compared to smaller properties. However, preweatherization measures have historically been a significant barrier to implementing energy efficiency improvements in income-eligible properties, and thus serving low-income Minnesotans. CEE believes this barrier has occurred for all sizes of income-eligible properties and must be addressed across the various building types and sizes in order to better serve low-income residents.

CEE recommends that the Department require the Company to fund pre-weatherization measures through the LI MFBE program. We believe it may be reasonable to implement a cap on weatherization funding as a percentage of total project cost.

3. CenterPoint Energy should increase the budget and goals for the proposed LI MFBE program for 2023.

Overall, CEE believes that the proposed budget for the proposed LI MFBE program is insufficient to meet the needs of income-eligible multi-family properties with five or more units. With the recommendations we propose above, CEE believes that the Company would be able to increase participation in the proposed LI MFBE program, and serve more low-income tenants in its service territory.

We recommend the Department require the Company to increase the 2023 budget for the proposed LI MFBE program to \$1 million.

4. The Company should expand other CIP offerings for low- to moderate-income renters and homeowners, a need identified by the Company in its Petition to implement a TOB pilot program.

As discussed above, CenterPoint Energy filed a Petition with the Commission to implement a TOB program to increase access to energy efficiency services for renters and homeowners, with a special emphasis on serving renters. The Company's September 1, 2021 TOB Petition, which described the reason a TOB pilot program was needed, stated that renters have been historically underserved by Minnesota's utility-funded energy efficiency programs.⁶

CEE agrees with CenterPoint Energy's statement in its September 1, 2021 TOB Petition that renters have been underserved by existing CIP offerings to-date. However, we do not believe that

⁶ Docket Number G-008/M-21-377

is because the existing CIP framework does not allow for services that reach and address the needs of renters. CEE has stated repeatedly in the TOB docket that the CIP regulatory framework is flexible and well-suited for innovative program design and technologies. We have encouraged the Company to work toward bold solutions for low- and moderate-income renters and homeowners through their existing CIP portfolio.

We appreciate this modification request as a step toward that end, but we believe that this modification request is not sufficient to adequately serve renters in the Company's service territory. Moreover, the scale of this CIP modification request represents a fraction of the Company's proposed TOB pilot program. The Company's latest TOB proposal estimates total program costs of between \$2.6 and \$5.2 million over three years, with no spending cap and proposes to notify the Commission if spending "reaches \$4 million during the first year of the pilot."⁷ In contrast, the proposed LI MFBE program budget reaches only \$500,000 in 2023.

CEE does not understand why the Company is able and comfortable spending millions of dollars on an untested TOB pilot offering to serve renters, but is not willing to propose bolder, bigger offerings and budgets to serve renters through its well-established and successful CIP.

We recommend that the Department require the Company to file additional program modifications or new programs, to be implemented in 2023, to expand and improve services for renters in the Company's service territory.

We note that we made specific recommendations of how to expand CIP services for renters in the TOB Petition docket. Specifically, in the proposed TOB Pilot Program docket, CEE, Energy CENTS Coalition, and Legal Services Advocacy Project jointly recommended that instead of pursuing the proposed TOB pilot program, the Company:

- a. File a proposed low-income CIP program (in Q2 2022) for 5-20 unit buildings with an annual budget of at least \$1,000,000.
- b. Work with interested parties to develop and file, no later than December 31, 2022, CIP offerings to target and better serve low- and moderate-income homeowners and renters.
- c. Propose, no later than December 31, 2022, an expansion of the Low-Income Rental Efficiency program of at least an additional \$1 million each year for oneto-four-unit rental properties.
- d. Increase targeted marketing of its CIP services in Minneapolis Green Zones, with specific focus on increasing customer awareness of geographic eligibility for free CIP services through the company's LIW and LIRE programs.

⁷ Page 5 of the Company's May 13, 2022 Revised TOB Proposal in Docket Number G-008/M-21-377.

e. Increase targeted marketing of its CIP services in Minneapolis Green Zones, with specific focus on increasing property-owner awareness of geographic eligibility for the company's LIRE program.⁸

Conclusion

In conclusion, CEE thanks the Company for filing the modification request to streamline and expand services through a dedicated LI MFBE program. However, we believe the Company should do more to expand access to energy efficiency services and the benefits energy efficiency provides to renters in its service territory.

CEE recommends that the Department require the Company to:

- 1. Restructure the incentives of the proposed LI MFBE program, including the added air sealing and insulation measures, to be equal to 50 percent of total project costs and paid upfront to contractors.
- 2. Fund pre-weatherization measures through the LI MFBE program. We believe it may be reasonable to implement a cap on weatherization funding as a percentage of total project cost.
- 3. Increase the 2023 budget for the proposed LI MFBE program to \$1 million.
- 4. File additional program modifications or new programs, to be implemented in 2023, to expand and improve services for renters in its service territory.

We thank the Department for consideration of our Comments and we thank the Company for its engagement and openness throughout the development of this proposed modification.

Please contact me at apartridge@mncee.org with any questions.

Sincerely,

Audrey Partridge Direct of Regulatory Policy Center for Energy and Environment

⁸ March 4, 2022 Reply Comments in Docket Number G-008/M-21-377.

Case Studies Analyzing Gas Projects using CenterPoint Energy's Recent Low-Income Multi-Family Building Efficiency Modification Request

CenterPoint Energy filed a modification request¹ to its 2021-2023 Conservation Improvement Program ("CIP") Triennial Plan to modify the Multi-Family Building Efficiency ("MFBE") program to create a low-income specific offering called the Low-Income Multi-Family Building Efficiency ("LI MFBE") program. The new LI MFBE program modification would increase the bonus rebate for income-eligible properties from a 60% bonus over CenterPoint Energy's baseline commercial rebates to a 100% (or double) bonus on CenterPoint Energy's baseline commercial rebates.

Center for Energy and Environment ("CEE") used the proposed incentive structure from CenterPoint Energy's modification request to analyze the expected incentives for nine different income-eligible multi-family properties. The following properties represent actual multifamily properties that completed energy efficiency upgrades through the City of Minneapolis's 4d Green Cost Share program.²

To determine the new proposed rebates, CEE referenced CenterPoint Energy's website, rebate applications, and emails from the current MFBE implementer. Additionally, the estimated insulation and air sealing rebates included in the case studies below are based on Table 3 provided on page 8 of CenterPoint Energy's modification filing.

CEE calculated the estimated energy savings for each case study below using the Minnesota Technical Reference Manual, actual energy consumption data, existing and new equipment characteristics, property specific information, and heating degree day data. We acknowledge that the following energy savings estimates may differ slightly from CenterPoint Energy's claimed energy savings for these same projects.

¹CenterPoint Energy filed the modification request on June 29, 2022 in Docket Number G-008/CIP-20-478.

² https://www.mncee.org/minneapolis-green-4d-cost-share

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Property 1: 14 units, project completed in 2018

| Project | Actual Cost | Rebate with | Percent of project | Dth |
|---|-------------|-------------|--------------------|----------------------|
| | | proposed LI | cost covered by LI | Savings ³ |
| | | MFBE filing | MFBE rebate | |
| 95% AFUE .25 MMBTU Boiler ⁴ | \$32,900.00 | \$1,750.00 | 5.3% | 100 Dth |
| Condensing water heater (side arm) ⁵ | \$5,000.00 | \$0 | 0% | 41 Dth |
| Total | \$37,900.00 | \$1,750.00 | 4.6% | 141 Dth |

³ Based on MN TRM

⁴ <u>https://www.centerpointenergy.com/en-us/Documents/CIP-Rebate-Forms/CNP1095.pdf</u> CPE commercial boiler rebate application with details about rebate based on boiler size.

⁵ Though CenterPoint Energy rebates this technology for typical commercial customers, based on an email from the current MFBE implementer, side arm water heaters are not rebate eligible through the LI MFBE program.



Property 2: 11 units, project completed in 2018

| Project | Actual Cost | Rebate with | Percent of project | Dth |
|---|-------------|-------------|--------------------|---------|
| | | proposed LI | cost covered by LI | Savings |
| | | MFBE filing | MFBE rebate | |
| 95% AFUE .229 MMBTU Boiler | \$13,560.00 | \$1,603.00 | 11.8% | 90 Dth |
| Condensing water heater (side arm) | \$5,000.00 | \$0 | 0% | 17 Dth |
| Wall insulation (3 sides stucco-3888 sq. ft.) | \$8,990.00 | \$4,276.80 | 47.6% | 151 Dth |
| Total | \$27,550.00 | \$5,879.80 | 21.3% | 257 Dth |

Property 3: 12 units, project completed in 2018



| Project | Cost | Rebate with | Percent of project | Dth |
|------------------------------------|-------------|-------------|--------------------|---------|
| | | proposed LI | cost covered by LI | Savings |
| | | MFBE filing | MFBE rebate | |
| 96% AFUE .399 MMBTU Boiler | \$19,554.00 | \$2,793.00 | 14.3% | 81 Dth |
| Condensing water heater (side arm) | \$5,000.00 | \$0 | 0% | 17 Dth |
| Wall insulation (4400 sq. ft.) | \$10,170.00 | \$4,840.00 | 47.6% | 207 Dth |
| Total | \$34,724.00 | \$7,633.00 | 22% | 305 Dth |



Property 4: 12 units, project completed in 2019

| Project | Cost | Rebate with | Percent of project | Dth |
|------------------------------------|-------------|-------------|--------------------|---------|
| | | proposed LI | cost covered by LI | Savings |
| | | MFBE filing | MFBE rebate | |
| 95% AFUE .25 MMBTU Boiler | \$18.917.00 | \$1,750.00 | 9.3% | 106 Dth |
| Condensing water heater (side arm) | \$5,777.00 | \$0 | 0% | 28 Dth |
| Total | \$24,694.00 | \$1,750.00 | 7% | 134 Dth |

Property 5: 12 units, project completed in 2019



| Project | Cost | Rebate with | Percent of project | Dth |
|---------------------------|-------------|-------------|--------------------|----------|
| | | proposed LI | cost covered by LI | Savings |
| | | MFBE filing | MFBE rebate | |
| 95% AFUE .26 MMBTU Boiler | \$17,902.00 | \$1,820.00 | 10.2% | 58.7 Dth |
| Total | \$17,902.00 | \$1,820.00 | 10.2% | 58.7 Dth |



Property 6: 12 units, project completed in 2020

| Project | Cost | Rebate with proposed LI MFBE filing | Percent of project cost covered by LI MFBE rebate | Dth Savings |
|----------------------------|-------------|---|--|-------------|
| 95% AFUE .199 MMBTU Boiler | \$20,983.00 | \$1,393.00 | 6.6% | 79 Dth |
| Total | \$20,983.00 | \$1,393.00 | 6.6% | 79 Dth |

Property 7: 5 units, project completed in 2020



| Project | Cost | Rebate with | Percent of project | Dth |
|------------------------------------|-------------|-------------|--------------------|---------|
| | | proposed LI | cost covered by LI | Savings |
| | | MFBE filing | MFBE rebate | |
| 95% AFUE .199 MMBTU Boiler | \$16,289.00 | \$1,393.00 | 8.6% | 55 Dth |
| Condensing water heater (side arm) | \$4,295.00 | \$0 | 0% | 10 Dth |
| Wall insulation (3872 sq. ft.) | \$5,975.00 | \$4,259.00 | 71.3% | 116 Dth |
| Total | \$26,559.00 | \$5,652.00 | 21.3% | 181 Dth |



Property 8: 12 units, project completed in 2021

| Project | Cost | Rebate with proposed LIMF | Percent of project cost covered by LI | Dth Savings |
|----------------------------|-------------|------------------------------|--|----------------|
| | | filing | MFBE rebate | |
| 95% AFUE .225 MMBTU Boiler | \$18,960.00 | \$1,575.00 | 8.3% | 50 Dth |
| Condensing water heater | \$5,000.00 | \$400.00 | 8% | 14 Dth |
| Total | \$23,960.00 | \$1,975.00 | 8.2% | 64 Dth |

Property 9: 5 units, project completed in 2021



| Project | Cost | Rebate with proposed LIMF | Percent of project cost covered by LI | Dth Savings |
|----------------------------|-------------|------------------------------|--|----------------|
| | | filing | MFBE rebate | |
| 96% AFUE .205 MMBTU Boiler | \$12,507.00 | \$1,435.00 | 11.5% | 38.9 Dth |
| Total | \$12,507.00 | \$1,435.00 | 11.5% | 38.9 Dth |

AFFIDAVIT OF SERVICE

DOCKET NUMBERS G-008/M-20-478 and G-008/21-377

I, Audrey Partridge, herby certify that on this 26th day of July 2022, I served Center for Energy and Environment's Comments in the Matter of CenterPoint Energy's Request to Modify its 2021-2023 Conservation Improvement Program in Docket Numbers G-008/M-20-478 and G-008/21-377 on the following persons on the attached Service Lists by:

XX placing such filing in envelopes, properly addressed, and depositing the same in the Post Office at the City of Minneapolis, for delivery by the United States Post Office as directed by said envelopes.

<u>XX</u> electronic filing

/s/ Audrey Partridge Audrey Partridge

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| Robyn | Woeste | robynwoeste@alliantenerg y.com | Interstate Power and Light Company | 200 First St SE Cedar Rapids, IA 52401 | Electronic Service | No | OFF_SL_20-478_CIP-20- 478 |
| Emily | Ziring | eziring@stlouispark.org | City of St. Louis Park | 5005 Minnetonka Blvd St. Louis Park, MN 55416 | Electronic Service | No | OFF_SL_20-478_CIP-20- 478 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|----------------|--------------------|---------------------------------------|---------------------------------------|--|-----------------------------|-------------------|-----------------------------------|
| Tom | Balster | tombalster@alliantenergy.c om | Interstate Power & Light Company | PO Box 351 200 1st St SE Cedar Rapids, IA 524060351 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Lisa | Beckner | lbeckner@mnpower.com | Minnesota Power | 30 W Superior St Duluth, MN 55802 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| William | Black | bblack@mmua.org | MMUA | Suite 200 3131 Fernbrook Lane Plymouth, MN 55447 | Electronic Service North | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Christina | Brusven | cbrusven@fredlaw.com | Fredrikson Byron | 200 S 6th St Ste 4000 Minneapolis, MN 554021425 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Charlie | Buck | charlie.buck@oracle.com | Oracle | 760 Market St FL 4 San Francisco, CA 94102 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Ray | Choquette | rchoquette@agp.com | Ag Processing Inc. | 12700 West Dodge Road PO Box 2047 Omaha, NE 68103-2047 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Generic Notice | Commerce Attorneys | commerce.attorneys@ag.st ate.mn.us | Office of the Attorney General-DOC | 445 Minnesota Street Suite 1400 St. Paul, MN 55101 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| George | Crocker | gwillc@nawo.org | North American Water Office | PO Box 174 Lake Elmo, MN 55042 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Patrick | Deal | pdeal@mnchamber.com | Minnesota Chamber of Commerce | 400 Robert St N Ste 1500 Saint Paul, MN 55101 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Steve | Downer | sdowner@mmua.org | MMUA | 3025 Harbor Ln N Ste 400 Plymouth, MN 554475142 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |

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|------------|-----------|---|--|---|--------------------|-------------------|-----------------------------------|
| Jason | Grenier | jgrenier@otpco.com | Otter Tail Power Company | 215 South Cascade Street Fergus Falls, MN 56537 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Jeffrey | Haase | jhaase@grenergy.com | Great River Energy | 12300 Elm Creek Blvd Maple Grove, MN 55369 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Tony | Hainault | anthony.hainault@co.henn epin.mn.us | Hennepin County DES | 701 4th Ave S Ste 700 Minneapolis, MN 55415-1842 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Tyler | Hamman | tylerh@bepc.com | Basin Electric Power Cooperative | 1717 E Interstate Ave Bismarck, ND 58501 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Patty | Hanson | phanson@rpu.org | Rochester Public Utilities | 4000 E River Rd NE Rochester, MN 55906 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Norm | Harold | N/A | NKS Consulting | 5591 E 180th St Prior Lake, MN 55372 | Paper Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Jared | Hendricks | jared.hendricks@owatonna utilities.com | Owatonna Municipal Public Utilities | PO Box 800 208 S Walnut Ave Owatonna, MN 55060-2940 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Joe | Hoffman | ja.hoffman@smmpa.org | SMMPA | 500 First Ave SW Rochester, MN 55902-3303 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Dave | Johnson | dave.johnson@aeoa.org | Arrowhead Economic Opportunity Agency | 702 3rd Ave S Virginia, MN 55792 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Deborah | Knoll | dknoll@mnpower.com | Minnesota Power | 30 W Superior St Duluth, MN 55802 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |

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|----------------|--------------------------------|--|---------------------------------------|---|--------------------|-------------------|------------------------------------|
| Andrew | Moratzka | andrew.moratzka@stoel.co m | Stoel Rives LLP | 33 South Sixth St Ste 4200 Minneapolis, MN 55402 | Electronic Service | No | SPL_SL_CIP SPECIAL SERVICE LIST |
| Carl | Nelson | cnelson@mncee.org | Center for Energy and Environment | 212 3rd Ave N Ste 560 Minneapolis, MN 55401 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Samantha | Norris | samanthanorris@alliantene rgy.com | Interstate Power and Light Company | 200 1st Street SE PO Box 351 Cedar Rapids, IA 524060351 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Audrey | Partridge | apartridge@mncee.org | Center for Energy and Environment | 212 3rd Ave. N. Suite 560 Minneapolis, Minnesota 55401 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Lisa | Pickard | Iseverson@minnkota.com | Minnkota Power Cooperative | 5301 32nd Ave S Grand Forks, ND 58201 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Bill | Poppert | info@technologycos.com | Technology North | 2433 Highwood Ave St. Paul, MN 55119 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Dave | Reinke | dreinke@dakotaelectric.co m | Dakota Electric Association | 4300 220th St W Farmington, MN 55024-9583 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Generic Notice | Residential Utilities Division | residential.utilities@ag.stat e.mn.us | Office of the Attorney General-RUD | 1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Christine | Schwartz | Regulatory.records@xcele nergy.com | Xcel Energy | 414 Nicollet Mall FL 7 Minneapolis, MN 554011993 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |
| Will | Seuffert | Will.Seuffert@state.mn.us | Public Utilities Commission | 121 7th PI E Ste 350 Saint Paul, MN 55101 | Electronic Service | No | SPL_SLCIP SPECIAL SERVICE LIST |

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|----------------|--------------------|--|---|--|--------------------|-------------------|------------------------|
| Kristine | Anderson | kanderson@greatermngas. com | Greater Minnesota Gas, Inc.& Greater MN Transmission, LLC | 1900 Cardinal Lane PO Box 798 Faribault, MN 55021 | Electronic Service | No | OFF_SL_21-377_Official |
| Dorothy | Barnett | barnett@climateandenergy. org | Climate + Energy Project | PO Box 1858 Hutchinson, KS 67504-1858 | Electronic Service | No | OFF_SL_21-377_Official |
| Sam | Benson | sam@mnipl.org | Energy Access Commenters | 4407 E Lake St Minneapolis, MN 55406 | Electronic Service | No | OFF_SL_21-377_Official |
| James J. | Bertrand | james.bertrand@stinson.co m | STINSON LLP | 50 S 6th St Ste 2600 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_21-377_Official |
| Brenda A. | Bjorklund | brenda.bjorklund@centerp ointenergy.com | CenterPoint Energy | 505 Nicollet Mall Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_21-377_Official |
| Jocelyn | Bremer | jocelyn.bremer@minneapol ismn.gov | City of Minneapolis | 350 S Fifth St Ste 210 Minneapolis, MN 55415 | Electronic Service | No | OFF_SL_21-377_Official |
| C. lan | Brown | office@gasworkerslocal340 .com | United Association | Gas Workers Local 340 312 Central Ave SW Minneapolis, MN 55414 | Electronic Service | No | OFF_SL_21-377_Official |
| Edwardo | Cardenas | educardns@gmail.com | Peer Learning Energy Efficiency Energy Cohort | N/A | Electronic Service | No | OFF_SL_21-377_Official |
| Melodee | Carlson Chang | melodee.carlsonchang@ce nterpointenergy.com | CenterPoint Energy | 505 Nicollet Mall Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_21-377_Official |
| Steve W. | Chriss | Stephen.chriss@walmart.c om | Wal-Mart | 2001 SE 10th St. Bentonville, AR 72716-5530 | Electronic Service | No | OFF_SL_21-377_Official |
| Generic Notice | Commerce Attorneys | commerce.attorneys@ag.st ate.mn.us | Office of the Attorney General-DOC | 445 Minnesota Street Suite 1400 St. Paul, MN 55101 | Electronic Service | Yes | OFF_SL_21-377_Official |

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|------------|-----------|--|--|--|--------------------|-------------------|------------------------|
| Annete | Henkel | mui@mnutilityinvestors.org | Minnesota Utility Investors | 413 Wacouta Street #230 St.Paul, MN 55101 | Electronic Service | No | OFF_SL_21-377_Official |
| Bruce L. | Hoffarber | bhoffarber@kinectenergy.c om | Kinect Energy Group | 605 North Highway 169 Ste 1200 Plymouth, MN 55441 | Electronic Service | No | OFF_SL_21-377_Official |
| Mary | Holly | mholly@winthrop.com | Winthrop & Weinstine, P.A. | 225 S Sixth St Ste 3500 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_21-377_Official |
| Nicolle | Kupser | nkupser@greatermngas.co m | Greater Minnesota Gas, Inc. & Greater MN Transmission, LLC | 1900 Cardinal Ln PO Box 798 Faribault, MN 55021 | Electronic Service | No | OFF_SL_21-377_Official |
| Lisa | Larson | llarson@kennedy- graven.com | Kennedy & Graven, Chartered | 150 S 5th St Ste 700 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_21-377_Official |
| Erica | Larson | erica.larson@centerpointen ergy.com | CenterPoint Energy | 505 Nicollet Avenue P.O. Box 59038 Minneapolis, Minnesota 55459-0038 | Electronic Service | Yes | OFF_SL_21-377_Official |
| Daniel | LeFevers | dlefevers@gti.energy | GTI | 1700 S Mount Prospect Rd Des Plains, IL 60018 | Electronic Service | No | OFF_SL_21-377_Official |
| Amber | Lee | Amber.Lee@centerpointen ergy.com | CenterPoint Energy | 505 Nicollet Mall Minneapolis, MN 55402 | Electronic Service | Yes | OFF_SL_21-377_Official |
| Roger | Leider | roger@mnpropane.org | Minnesota Propane Association | PO Box 220 209 N Run River Dr Princeton, MN 55371 | Electronic Service | No | OFF_SL_21-377_Official |

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|----------------|--------------------------------|--|--|---|--------------------|-------------------|------------------------|
| James | Owen | james@renewmo.org | Renew Missouri | 409 Vandiver Dr Bldg 5, Ste 205 Columbia, MO 65202 | Electronic Service | No | OFF_SL_21-377_Official |
| Janice | Owens | | NARUC Nuclear Waste Program Office | 1101 Vermont Avenue, NW Suite 200 Washington,, DC 20005 | Paper Service | No | OFF_SL_21-377_Official |
| Greg | Palmer | gpalmer@greatermngas.co m | Greater Minnesota Gas, Inc. & Greater MN Transmission, LLC | 1900 Cardinal Ln PO Box 798 Faribault, MN 55021 | Electronic Service | No | OFF_SL_21-377_Official |
| Audrey | Partridge | apartridge@mncee.org | Center for Energy and Environment | 212 3rd Ave. N. Suite 560 Minneapolis, Minnesota 55401 | Electronic Service | No | OFF_SL_21-377_Official |
| Generic Notice | Residential Utilities Division | residential.utilities@ag.stat e.mn.us | Office of the Attorney General-RUD | 1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131 | Electronic Service | Yes | OFF_SL_21-377_Official |
| Kevin | Reuther | kreuther@mncenter.org | MN Center for Environmental Advocacy | 26 E Exchange St, Ste 206 St. Paul, MN 551011667 | Electronic Service | No | OFF_SL_21-377_Official |
| Kyle | Samejima | kyle@mplsclimate.org | Minneapolis Climate Action | N/A | Electronic Service | No | OFF_SL_21-377_Official |
| Joseph L | Sathe | jsathe@kennedy- graven.com | Kennedy & Graven, Chartered | 150 S 5th St Ste 700 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_21-377_Official |
| Elizabeth | Schmiesing | eschmiesing@winthrop.co m | Winthrop & Weinstine, P.A. | 225 South Sixth Street Suite 3500 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_21-377_Official |
| Peter | Scholtz | peter.scholtz@ag.state.mn. us | Office of the Attorney General-RUD | Suite 1400 445 Minnesota Street St. Paul, MN 55101-2131 | Electronic Service | No | OFF_SL_21-377_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-----------|-----------------------------------|---------------------------|--|--------------------|-------------------|------------------------|
| Joseph | Windler | jwindler@winthrop.com | Winthrop & Weinstine | 225 South Sixth Street, Suite 3500 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_21-377_Official |
| Jonathan | Wolfgram | Jonathan.Wolfgram@state. mn.us | Office of Pipeline Safety | 445 Minnesota St Ste 147 Woodbury, MN 55125 | Electronic Service | No | OFF_SL_21-377_Official |