



August 1, 2025

Ms. Lisa Felice
Executive Secretary
Michigan Public Service Commission
7109 W. Saginaw Hwy., 3rd Floor
Lansing, MI 48917

RE: MPSC Case No. U-21680 – In the matter, on the Commission’s own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for Consumers Energy Company to fully comply with Public Act 295 of 2008, as amended.

Dear Ms. Felice:

Enclosed for electronic filing in the above-captioned case, please find **Consumers Energy Company’s Application and Testimony and Exhibits of Company Witnesses Theodore A. Ykimoff, Eugene M. Breuring, Drew M. Farrington, Svitlana Lykhytska, Allison M. Reis, R. Kenneth Skinner, Gregory E. Stevenson, and Nicholas I. Taba.**

This is a paperless filing and is therefore being filed only in PDF. I have included a Proof of Service showing electronic service upon the parties, including parties to Case No. U-21321.

Sincerely,

Gary A. Gensch Jr.
Phone: 517-788-0698
Email: gary.genschjr@cmsenergy.com

cc: Parties Per Attachment 1 to Proof of Service

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter, on the Commission’s own motion,)	
regarding the regulatory reviews, revisions,)	
determinations, and/or approvals necessary for)	Case No. U-21680
CONSUMERS ENERGY COMPANY to fully)	
comply with Public Act 295 of 2008, as amended)	
_____)	

**APPLICATION FOR APPROVAL OF CONSUMERS ENERGY COMPANY’S
2026-2029 ENERGY WASTE REDUCTION PLAN**

Consumers Energy Company (“Consumers Energy” or the “Company”) seeks approval of its Energy Waste Reduction (“EWR”) Plan for the period 2026 through 2029. Consumers Energy’s 2024-2025 EWR Plan was approved by the Michigan Public Service Commission (“MPSC” or the “Commission”) in Case No. U-21321, February 8, 2024, Order, pursuant to 2008 PA 295, as amended, MCL 460.1001 *et seq.*, (“Act 295”), with an amendment to the 2024-2025 EWR Plan approved on October 10, 2024. That EWR Plan is currently in effect.

Consumers Energy is filing this Application for approval of an EWR Plan for the years 2026 through 2029 to reflect investments in EWR programs, to comply with Act 295, as amended, and to propose adjustments to the EWR Plan. The Company requests that the Commission review and approve its 2026-2029 EWR Plan, authorize Consumers Energy to recover the costs of the Plan, and grant it additional relief as set forth herein and in the testimony and exhibits of Consumers Energy’s witnesses. In support of this Application, Consumers Energy states as follows:

I. INTRODUCTION AND JURISDICTION

1. Consumers Energy is, among other things, engaged as a public utility in the business of generating, purchasing, distributing, and selling electric energy to approximately

1.9 million retail electric customers in the state of Michigan. The retail electric system of Consumers Energy is operated as a single utility system. Consumers Energy is also engaged as a public utility in the distribution and sale of natural gas to approximately 1.8 million retail customers in the state of Michigan. Consumers Energy's natural gas system is fully integrated and interconnected.

2. Consumers Energy's retail electric and natural gas businesses are subject to the jurisdiction of the Commission pursuant to various provisions of law including 1909 PA 106, as amended, MCL 460.551 *et seq.*; 1919 PA 419, as amended, MCL 460.51 *et seq.*; 1939 PA 3, as amended, MCL 460.1, *et seq.*; and Act 295. Pursuant to its statutory authority, the Commission has power and jurisdiction to regulate Consumers Energy's retail electric and natural gas rates.

3. Act 295 authorizes utilities to file, and the Commission to review, EWR plans and amendments thereto. Pursuant to Act 295, Consumers Energy's 2026-2029 EWR Plan: (i) proposes a set of EWR programs that will meet energy savings standards established by Act 295; (ii) includes offerings for each customer class, including low-income residential customers; (iii) specifies necessary funding levels; (iv) proposes cost recovery mechanisms that will allow recovery of EWR Plan costs; (v) demonstrates that the EWR programs, excluding program offerings to income qualified residential customers, will be cost effective; and (vi) provides for the practical and effective administration of the proposed programs.

II. CONSUMERS ENERGY'S 2026-2029 EWR PLAN

4. Consumers Energy's proposed 2026-2029 EWR Plan includes the programs that the Company intends to implement to meet the EWR standards, as well as the estimated costs of those programs. The total cost of the electric EWR Plan proposed by the Company is approximately \$203.2 million in 2026, \$208.3 million in 2027, \$210.7 million in 2028, and \$212.4 million in 2029. The total cost of the natural gas EWR Plan proposed by the Company is

approximately \$86.8 million in 2026, and \$86.6 million in 2027, \$87.8 million in 2028, and \$88.9 million in 2029.

5. The Company proposes to calculate incremental energy savings in the electric and natural gas EWR Plan based on average sales over the previous three years. The Company's proposed 2026-2029 EWR Plan's energy savings targets are based on the average sales during the three years preceding the year for which incremental energy savings are being calculated. The Company's proposed 2026-2029 EWR Plan's gas energy savings targets also remove the energy sales to electric generation customers. This downward adjustment treatment was approved by the Commission in Case Nos. U-20372, U-20875, and U-21321. The Company's proposed 2026-2029 EWR Plan's electric energy savings targets also remove the energy sales associated with electric vehicle charging and new data centers to ensure that the EWR Plan remains equitable, cost-effective, and aligned with practical implementation realities.

6. The Company is committed to helping its low-income customers reduce energy waste by continuing its investment in the Income Qualified Program. The Company is also proposing to expand the definition of Income Qualified customers by increasing low-income eligibility to 300% of the federal poverty level and adding a moderate-income tier that is 301% to 400% of the federal poverty level. The Company proposes to invest approximately 26% and 42% of its total electric and gas EWR funding, respectively, in the Income Qualified Program.

7. The Company is required to provide a cost-effective EWR portfolio, as measured by the Utility System Resource Cost Test, and to have an independent third party validate the cost savings annually. Consumers Energy's proposed 2026-2029 EWR Plan complies with these requirements.

8. If the Company's proposed 2026-2029 EWR Plan spending levels are approved as part of this Application, the Company expects to exceed the electric and gas statutory savings requirements of 1.5% and 0.875%, respectively. The spending levels presented in its 2026-2029 EWR Plan are reasonable and prudent.

9. The Company's 2026-2029 EWR Plan is part of a comprehensive plan to meet the future energy needs of customers through a reasonable combination of cost-effective supply-side and demand-side options, as presented and approved in the Company's Integrated Resource Plan in Case No. U-21090.

10. The Company requests continued authority to reallocate up to 30% of the overall EWR budget, by class, to ensure program flexibility and stability for the more popular programs. This reallocation was approved in Case Nos. U-16412, U-16670, U-17351, U-17771, U-18251, U-20372, U-20875, and U-21321. The Company also requests the continued authority to increase annual investment above amounts approved in the final case order by up to 6% of electric and 10% of gas investment if needed and cost effective. This authority to increase annual investment above approved amounts was approved in Case Nos. U-20372, U-20875, and U-21321.

11. The Company requests continued authority to roll forward any unspent EWR Plan funds from one year to the next, as applicable.

III. ACCOUNTING AUTHORITY

12. Consumers Energy seeks Commission approval to continue the accounting practices previously authorized by the Commission in its approval of the Company's original Energy Optimization Plan.

IV. TESTIMONY AND EXHIBITS

13. In support of this Application, the Company is filing written testimony and exhibits, describing the relief the Company is seeking in this case. Reference to this material will provide additional details on the relief being sought. The relief described in the testimony and exhibits should be considered as if specifically requested in this Application. Consumers Energy expressly reserves the right to revise, amend, or otherwise change the relief it is requesting in any way appropriate depending upon the duration and progress of hearings in this proceeding, the issuance of orders that have an impact upon this case, or the occurrence of other material events.

V. CONSOLIDATION OF ELECTRIC AND GAS EWR PLANS

14. As encouraged by the Commission's Order issued October 21, 2008, in Case Nos. U-15805 and U-15889, the Company has prepared its filing, including its testimony and exhibits, in a fashion that presents its electric EWR Plan and natural gas EWR Plan on a consolidated basis. Since Consumers Energy has both natural gas and electric utility divisions, conducting a review of its 2026-2029 EWR Plan on a consolidated basis will allow for a more efficient and comprehensive review.

VI. APPROVAL OF SURCHARGES

15. Consumers Energy seeks approval of EWR surcharges to recover the electric and natural gas 2026-2029 EWR Plan costs from customers as set forth more specifically in the testimony and exhibits of Company witness Drew M. Farrington. The EWR surcharges referenced above are the levelized 2026-2029 surcharges for each customer group. Consumers Energy anticipates requesting approval of an incentive portion of EWR surcharges in its annual reconciliations of the 2026-2029 EWR Plan, consistent with Act 295, as amended. Consumers

Energy's EWR incentive proposal is explained in the testimony and exhibits of Company witness Theodore A. Ykimoff.

VII. REQUESTED TIME FOR APPROVAL OF THE 2026-2029 EWR PLAN

16. Consumers Energy requests expeditious approval of the proposed Plan to allow for implementation of the requested surcharges in early 2026 customer bills. Issuing an Order approving the Company's 2026-2029 EWR Plan in early 2026 will benefit customers as there will be more time in which to levelize the EWR Plan surcharges.

VIII. REQUEST FOR RELIEF

WHEREFORE, Consumers Energy Company requests that the Michigan Public Service Commission:

- A. Determine that the Company's proposed 2026-2029 EWR Plan is reasonable and prudent, and that it meets all applicable requirements of Act 295, as amended;
- B. Approve the proposed methodology for calculating energy savings targets;
- C. Approve the requested 2026-2029 EWR Plan natural gas and electric surcharges;
- D. Approve the requested accounting authority described in the Company's testimony;
- E. Approve authority to roll forward any unspent funds into future approved EWR plans and to increase annual investment above amounts approved in the final case order by up to 6% of electric and 10% of gas investment, if needed and cost effective;
- F. Approve the issuance of the tariff sheets as more fully described in the attached testimony and exhibits of Company witness Drew M. Farrington;
- G. Approve the EWR incentive proposal set forth in the Company's testimony and exhibits;


H. Approve the relief requested in this proceeding on an expeditious basis to limit risk and reduce customer impact; and

I. Grant Consumers Energy such other and further relief as is just and reasonable.


Respectfully submitted,

CONSUMERS ENERGY COMPANY

Dated: August 1, 2025

By: 

Lauren Youngdahl Snyder
Senior Vice President, Chief Customer and
Growth Officer



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(517) 788-0698

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_____)

Case No. U-21680

VERIFICATION

Lauren Youngdahl Snyder, states that she is Senior Vice President, Chief Customer and Growth Officer of Consumers Energy Company; that she has executed the foregoing Application for and on behalf of Consumers Energy Company; that she has read the foregoing Application and is familiar with the contents thereof; that the facts contained therein are true, to the best of her knowledge and belief; and that she is duly authorized to execute such Application on behalf of Consumers Energy Company.

Dated: August 1, 2025

By: *Lauren Youngdahl Snyder*
Lauren Youngdahl Snyder
Senior Vice President, Chief Customer and
Growth Officer

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Case No. U-21680

DIRECT TESTIMONY
OF
THEODORE A. YKIMOFF
ON BEHALF OF
CONSUMERS ENERGY COMPANY

August 2025

THEODORE A. YKIMOFF
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1 **Q. Please state your name and business address.**

2 A. My name is Theodore A. Ykimoff, and my business address is One Energy Plaza, Jackson,
3 Michigan 49201.

4 **Q. By whom are you employed and what is your present position?**

5 A. I am employed by Consumers Energy Company (“Consumers Energy” or the “Company”)
6 as the Interim Executive Director of Product Management.

7 **Q. Please review your educational background.**

8 A. I graduated from Michigan State University with a Bachelor of Business Administration.

9 **Q. Please describe your business and professional experience.**

10 A. In 1992, I accepted the position of Gas Conservation Program Manager in the Marketing
11 Department with Consumers Energy. In this role, I was responsible for marketing
12 value-added products and services to the Company’s approximately 1.5 million residential
13 gas customers. In 2003, I assumed the position of Corporate Account Manager in the
14 Company’s Customer Operations Department. In this role I provided value-added
15 products and services to the Company’s large electric and gas business customers. In early
16 2008, I was promoted to Senior Program Lead in the Company’s Energy Efficiency
17 Department. In this role, I was responsible for developing the Company’s Energy
18 Optimization (“EO”) Plans in accordance with the requirements established by the 2008
19 energy law, Public Act 295 of 2008 (“Act 295”). In 2011, I was promoted to Residential
20 Energy Efficiency Operations Director, which expanded my responsibilities to include
21 supervising the development and implementation of the Company’s residential energy
22 efficiency programs. In 2017, I was promoted, which expanded my responsibilities to
23 include supervising the Company’s business Energy Waste Reduction (“EWR”) programs;

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1 evaluation, measurement, and verification of the residential and business program savings;
2 and the marketing of these programs. In 2021, I was promoted to Director, Partner
3 Management. In this role I supervised a team to provide oversight and support to external
4 implementation contractors and internal energy efficiency program teams. Effective July
5 2025, I assumed the responsibility of Interim Executive Director of Product Management.

6 **Q. What are your responsibilities as Interim Executive Director of Product**
7 **Management?**

8 A. In this position, I am responsible for the Company’s Demand Response (“DR”) and EWR
9 programs.

10 **Q. Have you previously testified before the Michigan Public Service Commission**
11 **(“MPSC” or the “Commission”)?**

12 A. Yes. I have sponsored testimony in the following cases:

<u>Case No.</u>	<u>Description</u>
U-16670	2012 – 2015 EO Plan;
U-16860	Gas Revenue Pilot Decoupling Mechanism;
U-17351	2014–2017 Amended EO Plan;
U-17601	2013 EO Reconciliation;
U-17771	2016–2017 Amended EO Plan;
U-17831	2014 EO Reconciliation;
U-18025	2015 EO Reconciliation;
U-20028	2017 EWR Reconciliation;
U-18261	2018–2021 EWR Plan;

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1 U-20134 2018 Electric Rate Case;
2 U-20165 2018 Integrated Resource Plan
3 U-20365 2018 EWR Reconciliation;
4 U-20372 2020-2023 EWR Plan; and
5 U-20702 2019 EWR Reconciliation.

6 **Q. What is the purpose of your direct testimony in this proceeding?**

7 A. This is the Company’s first full EWR Plan submitted under Public Act 229 of 2023
8 (“Act 229”), which amended Act 295. The purpose of my testimony is to present and seek
9 approval of the Company’s 2026–2029 EWR Plan (“Plan”), as required under Act 295, as
10 amended, and to demonstrate how the Plan is cost-effective, equitable, and aligned with
11 Michigan’s clean energy transition. I will describe how the Company has designed the
12 EWR programs in this Plan to:

- 13 • Respond to economic, political, and data-driven risks and challenges;
- 14 • Maximize cost-effective electric and natural gas savings across customer
15 classes;
- 16 • Reduce the energy burden and expand program participation for income-
17 qualified customers;
- 18 • Design programs utilizing the most up-to-date support data;
- 19 • Support demand flexibility; and
- 20 • Leverage the Company’s financial incentive mechanism to assist more
21 customers.

22 **Q. How is your testimony organized?**

23 A. My direct testimony is organized as follows:

- 24 I. 2026-2029 EWR PLAN OVERVIEW
- 25 a. Summary of Testimony and Witnesses
- 26 b. Cost Effective Investment
- 27 c. New Considerations or Changes in the Plan
- 28 • Expansion of Income Qualified (“IQ”) Offerings

- Enhancements to Reporting and Tracking Capabilities
- d. Risks and Challenges

II. CUSTOMER BENEFITS AND RATE IMPACTS

III. PROGRAM DESIGN

- a. Strategies and Goals
- b. Funding
- c. Evaluation

IV. SAVINGS TARGETS & SALES FORECAST

- a. 3-Year Average Methodology
- b. Annual Savings Targets
- c. Exclusions
 - Gas Sales
 - Electric Vehicles and New Data Centers

V. FINANCIAL INCENTIVE MECHANISM

Q. Are you sponsoring any exhibits in this case?

A. Yes, I am sponsoring the following exhibits:

- | | |
|---------------------|---|
| Exhibit A-1 (TAY-1) | Calculation of Annual Energy Savings Targets; |
| Exhibit A-2 (TAY-2) | 2026-2029 Energy Waste Reduction Plan Report (“Plan Report”); and |
| Exhibit A-3 (TAY-3) | Recommended Financial Incentive Structure. |

Q. Were these exhibits prepared by you or under your supervision?

A. Yes.

I. 2026-2029 EWR PLAN OVERVIEW

a. Summary of Testimony and Witnesses

Q. Please provide an overview of the witnesses and the topics for which they will present testimony in support of this EWR Plan filing.

A. There are seven witnesses presenting testimony in support of this EWR Plan filing, in addition to myself. The details of the residential, small and medium business (“SMB”),

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1 and large business programs are presented by Company witnesses Allison M. Reis and
2 Nicholas I. Taba. The details of the pilot program are presented by Company witness
3 Gregory E. Stevenson. The cost effectiveness of the overall plan and that of each program
4 are presented by Company witness R. Kenneth Skinner. The energy forecasts necessary to
5 calculate the electric and gas saving targets are presented by Company witness Eugène M.
6 Breuring. Company witness Drew M. Farrington presents the surcharges and draft tariff
7 sheets necessary to implement and administer the Plan and supporting EWR surcharges.
8 The funding reserve balance is sponsored by Company witness Svitlana Lykhytska.

9 **b. Cost Effective Investment**

10 **Q. What is the Company's proposed investment for the span of this Plan?**

11 A. Consumers Energy is proposing to invest a total of \$1.18 billion in its electricity and natural
12 gas EWR programs over the calendar years 2026 to 2029, averaging approximately
13 \$290 million per year. Approximately 70% of the investment is allocated for electric
14 programs and 30% is allocated for natural gas programs. Detailed spending over the life
15 of the plan is included in the accompanying Plan Report.

16 **Q. If the Company's investment level is approved in this filing, does the Company expect
17 to exceed the minimum statutory energy savings targets?**

18 A. Yes, the Company is committed to striving to exceed the statutory energy-savings goals,
19 with a target of achieving average annual savings of 2% for electric and 1% for natural gas
20 over the 2026–2029 Plan period. Although expectations are to exceed the statutory savings
21 targets, the Company acknowledges several risks and challenges that could impact
22 achievement. These include changes in federal and state standards, rising acquisition cost,

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1 shifting baselines, economic uncertainty, legislative and regulatory challenges, and
2 declining savings potential, all of which increase the risk of meeting energy savings targets.

3 **Q. Please explain why the level of spending in the Plan is reasonable.**

4 A. The Company considered both the level of energy savings and cost-effectiveness of these
5 savings when developing its Plan. Specifically, the Company engaged Integral Analytics
6 as an independent consultant to assist in evaluating the cost-effectiveness of both the
7 Company's individual programs and the overall Plan. Although the Company used the
8 Utility System Resource Cost Test ("UCT") as its primary measure of cost-effectiveness,
9 it also considered the results of the Total Resource Cost Test, Participant Test, and Rate
10 Impact Test when evaluating its programs. The results of these tests are presented in
11 Exhibit A-2 (TAY-2).

12 **Q. Please describe the results of the UCT associated with the Plan.**

13 A. Cost-effectiveness is measured by the results of the UCT, with a score greater than 1.0
14 considered cost-effective. The UCT provides a measure of the avoided system costs
15 relative to the program costs associated with implementing and administering a plan.
16 Avoided costs can be considered as system benefits borne from customer participation in
17 programs. If the energy savings can be delivered at a UCT greater than unity, then the
18 benefit exceeds the cost of providing the program. Additionally, Public Act 235 of 2023
19 amended the definition of the UCT to require the use of a real societal discount rate based
20 on actual long-term United States Treasury bond yields. This change, codified in
21 MCL 460.1013, ensures that the long-term societal value of avoided costs is appropriately
22 reflected in the cost-effectiveness analysis.

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1 As supported in the testimony of Company witness Skinner, the Company's Plan
2 achieves UCT scores of 2.53 and 2.82 for electric and gas services, respectively.
3 Consequently, the Plan investments are cost effective.

4 **c. New Considerations or Changes in the Plan**

5 **Q. Are there new programs or considerations in the Plan?**

6 A. The Company does not propose any wholly new programs in this Plan. Rather, the Plan
7 continues the currently approved 12 programs and pilot programs—8 residential programs
8 and 4 business programs, all of which are currently operational. While some have been
9 updated in design or delivery, the core offerings and customer benefits remain consistent
10 with prior years.

11 The Plan includes several important updates and enhancements designed to
12 improve program efficiency, expand access, and better serve customers—particularly those
13 in low- and moderate-income communities. These updates include:

14 **Business Portfolio:**

- 15 • A dedicated team is evaluating options to relaunch the Small Business programs with
16 a focus on streamlining the customer experience and improving administrative and
17 program management efficiency. As part of this consolidation, the Lighting Buydown
18 Program offering will be sunset, reflecting the market transition in lighting
19 technologies and the reduced savings potential.
- 20 • Business Midstream is now a stand-alone program offering rather than a component of
21 the Prescriptive program.

22 **Residential Portfolio:**

- 23 • The New Home Construction Program offering will be folded into the Contractor
24 Rebates Program and add a new delivery pathway focused on manufactured homes.

25 **IQ:**

26 A significant focus of the Plan is on expanding support for IQ customers:

- 27 • The Company will expand its definition of IQ customers eligible for a comprehensive
28 suite of services offered through the newly structured Low- and Moderate-Income

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1 portfolio to minimize barriers to participation in the program pursuant to
2 MCL 460.1080(5).

- 3 • The expansion includes increasing the low-income federal poverty level (“FPL”)
4 to 300% and introducing a new moderate-income tier expanding program eligibility
5 to customers at 301% to 400% of the FPL.
- 6 • Proactive Outreach: Consumers Energy will use a combination of demographic
7 data and geographic mapping—such as census tract information and its Low
8 Income Needs Assessment—to identify, market to, and track income-qualified
9 customers, particularly those in Michigan’s Environmental Justice 40 (“MiEJ40”)
10 areas. Through the Market Rate Income-Qualified initiative, the Company
11 proactively identifies eligible customers engaging with standard offerings and
12 connects them to enhanced IQ services. Regardless of how customers enter the
13 program, Consumers Energy ensures they are informed on and have access to the
14 full suite of offerings available through the Low- and Moderate-Income portfolio.
- 15 • Business IQ: The Company is exploring ways to extend IQ offerings to small
16 businesses, non-profits, and community organizations. These entities often serve
17 vulnerable populations and operate in facilities that could benefit significantly from
18 EWR upgrades.
- 19 • The legacy Think! Energy program will expand on its focus to deliver services in
20 low- and moderate-income communities with 100% of program activities occurring
21 in MiEJ40 geographical areas.

22 The investment in these programs will continue to be recovered from the
23 appropriate customer class. An illustration of the program offerings can be found in
24 Exhibit A-2 (TAY-2), Figure ES-1, with additional program detail provided in the
25 testimony of Company witnesses Reis and Taba.

Expansion of Income Qualified Offerings

27 **Q. Please explain the Company’s increased focus on the IQ population.**

28 A. A cornerstone of the 2026–2029 Plan is the significant expansion of the Company’s IQ
29 programming. This includes raising the eligibility threshold for low-income customers to
30 300% of the FPL and introducing a new moderate-income offering for households earning
31 between 301% and 400% of FPL. These enhancements are designed to proactively align
32 with the statutory requirements outlined in Act 229, which mandates that utilities invest a
33 minimum of 25% of electric and 35% of natural gas EWR budgets in low-income programs

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1 by January 1, 2029. Importantly, the introduction of the moderate-income tier represents
2 an additional investment by the Company above and beyond the statutory minimum. This
3 new tier is intended to serve customers who often fall just outside traditional assistance
4 thresholds but still face significant energy burdens and limited access to support. By
5 implementing these changes ahead of the statutory deadline and expanding eligibility
6 beyond minimum requirements, the Company is demonstrating its commitment to
7 equitable access and early action. The enhanced IQ portfolio is structured to ensure that
8 Michigan's most vulnerable households can benefit from energy-saving technologies and
9 services, including supportive measures such as health and safety improvements that
10 enable full program participation. This approach is designed to deliver long-term,
11 measurable benefits to underserved communities while advancing broader environmental,
12 economic, and equity goals across the Company's service territory.

13 **Q. Please describe the role of health and safety measures in the Company's IQ program.**

14 A. Health and safety measures are a critical and now established component of the Company's
15 IQ program, supporting both single-family and multifamily customers. As part of Case
16 No. U-21321, and through the amended filing, the Company transitioned its Health and
17 Safety Pilot into an established program element beginning in 2024. This transition
18 enhances the Company's ability to address common barriers such as inadequate ventilation
19 or structural issues that often prevent otherwise eligible households from participating in
20 energy efficiency programs. These conditions have historically resulted in customer
21 deferrals, delaying or denying access to essential upgrades. By embedding health and
22 safety as an integrated feature of the IQ program, the Company ensures that customers can
23 safely and effectively receive energy-saving services. This approach not only facilitates

1 program participation but also supports the long-term livability, safety, and stability of the
2 homes served. This reflects the Company's broader commitment to delivering equitable,
3 comprehensive solutions that meet the needs of Michigan's most vulnerable residents.

4 **Enhancements to Reporting and Tracking Capabilities**

5 **Q. Please provide a summary of reporting and tracking enhancements.**

6 A. In 2025, the Company began transitioning from its legacy EWR tracking system
7 (eTracker) to a new in-house platform called Nucleus. This system enhances operational
8 efficiency and data accuracy by consolidating multiple data sources into a centralized,
9 real-time platform. Nucleus supports advanced analytics, streamlined reporting, and
10 improved user experience for both internal teams and Implementation Contractors. It also
11 includes built-in audit trails and tracking features to support regulatory compliance and
12 internal accountability. Designed for scalability, Nucleus integrates with other internal
13 systems, enabling deeper customer insights and eliminating manual data reconciliation
14 processes. Additional tracking capabilities and system benefits are detailed in the Plan
15 Report, Exhibit A-2 (TAY-2).

16 **d. Risks and Challenges**

17 **Q. Are there any risks that directly affect the EWR programs in this Plan?**

18 A. Yes. While there are inherent risks in any EWR program, external forces such as political,
19 economic/market, and energy choice pressures mean that EWR programs are facing
20 numerous challenges. Specific challenges to the Company's programming include:
21 (1) increasing options for customers to participate in demand-side programs that require
22 more complex, organized, and targeted marketing and education efforts; (2) changing
23 federal and state building code standards; (3) higher costs to achieve the same level of

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1 savings in the upcoming years, coupled with higher costs to increase savings to reach the
2 first year savings target of 2% as established in the Company’s Integrated Resource Plan
3 (“IRP”); (4) reduced or eliminated energy savings for light-emitting diodes that have
4 historically delivered a large share of the Company’s energy savings, increasing saturation
5 of efficient technologies; (5) current limits on energy savings associated with behavioral
6 programs; and (6) the need to ensure that the Company provides affordable, accessible, and
7 beneficial service to all customers.

8 The Company’s proposed 2026-2029 Plan was developed through a comprehensive
9 modeling process that factored in each of these dynamics. Additional risk is discussed in
10 the Company’s 2026-2029 EWR Plan Report (Exhibit A-2 (TAY-2)).

11 **Q. Did the Company engage any interested parties to provide feedback on development**
12 **of the Plan?**

13 A. Yes, the Company engaged stakeholders throughout the development of the 2026-2029
14 Plan. Meetings were held in May, June, and July 2025 to gather input, align on priorities,
15 and obtain feedback to help inform development of the Plan. Based on this engagement,
16 the Company introduced the expansion of the IQ program, proposing eligibility threshold
17 for customers be raised to 300% FPL and establishing a new moderate-income tier. In
18 addition to these proposed enhancements, the Company incorporated key provisions from
19 the Case No. U-21321 settlement agreement into the proposed plan. These include
20 continuing agreed upon electric and natural gas savings targets, low-income investment,
21 and the continuation of the performance incentive mechanism (“PIM”). Through this
22 approach, the Company has developed a plan that advances its commitment to deliver
23 equitable, inclusive, and impactful energy solutions for all customers.

1 **II. CUSTOMER BENEFITS AND RATE IMPACTS**

2 **Q. Please describe the expected customer benefits associated with the Company's**
3 **2026-2029 Plan.**

4 A. The Company's 2026-2029 Plan will result in a projected 2.65 million MWh first year
5 savings, 289.1 MW in demand reduction, and 12.27 million Mcf of first year savings.

6 **Q. Did the Company incorporate end-use load shape research as part of this Plan filing?**

7 A. Yes, the Company utilized its two third-party evaluators to review and, in some cases,
8 develop new end-use load shape research based on the best available data that is applicable
9 to the Company's territory to inform potential studies and cost benefit analysis. Accurate
10 end-use load shapes enable Consumers Energy to confidently characterize the time-varying
11 costs and benefits of its EWR investments and enhance the planning and analytical
12 accuracy of a range of calculations associated with the Company's EWR programs and
13 operational functions, including cost-effectiveness calculations and load forecasting.

14 **Q. How will the proposed 2026-2029 EWR investment be recovered from customers?**

15 A. The Company proposes to recover the respective electric and gas investments from
16 customers over four years beginning with its January 2026 bill month. The revised
17 surcharges would replace the current energy efficiency surcharges. The proposed monthly
18 incremental and total surcharges are presented in the testimony and exhibits of Company
19 witness Farrington.

20 **Q. How will the Company ensure, to the extent feasible, that charges collected from a**
21 **particular customer rate class align with the corresponding benefits?**

22 A. The Company will continue to track spending for each program separately and seek to not
23 exceed the Commission-approved program spending levels. In addition, the Company will

1 evaluate the system benefits from each class during its annual reconciliations and adjust
2 the surcharges in these proceedings as needed.

3 **Q. What is the rate impact on customers associated with the Company's proposed**
4 **2026-2029 Plan?**

5 A. The Company considers both the impact and expense necessary to deliver energy savings
6 when developing its plans. The objective is to offer customers both affordable and
7 meaningful programs. Information about customer rate impacts is provided in the
8 testimony and exhibits of Company witness Farrington. The Company's investments are
9 consistent with those in its IRP and provide additional savings opportunities for its
10 customers.

11 **Q. Is the Company proposing any tariff changes as part of this filing?**

12 A. Other than changes to the surcharges, the Company is not proposing any tariff changes.

13 **III. PROGRAM DESIGN**

14 **a. Strategies and Goals**

15 **Q. How were the programs in the Company's Plan selected?**

16 A. The Company selected the programs in its Plan based on: (i) electric and gas market
17 potential studies; (ii) the programs' proven ability to deliver cost-effective energy savings;
18 and (iii) the Company's own experience with implementing and administering the
19 programs in Michigan.

20 **Q. Does the Company propose to continue investing in informational report programs**
21 **to encourage customers to reduce energy waste?**

22 A. Yes. The benefits associated with informational report programs that help customers
23 reduce energy waste are well documented. The Cadmus Group has performed more than

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1 a dozen studies and evaluations, using rigorous and thoroughly vetted methods, to
2 determine and isolate the impacts of the Company's informational report programs. Some
3 of the techniques used by Cadmus have included: difference-in-difference billing analysis,
4 regression analysis, uplift analysis, treatment and control group surveys, customer
5 satisfaction surveys, stakeholder interviews, materials and database reviews, market plan
6 assessments, and focus groups. The Company combined its Home Energy Report ("HER")
7 Program with its Home Energy Assessment to create an Assessments and Behavioral
8 program focused on increasing awareness and understanding of the customer's specific
9 usage, opportunities to better manage that usage and save energy, and coordination with
10 energy assessments to identify and help implement both easy direct install and more
11 comprehensive EWR intervention to achieve greater energy and bill savings. Further, the
12 Company continues to evaluate and improve its HER to maximize customer benefit and
13 energy savings.

14 **Q. Does the Company support a cap for HER program savings?**

15 **A.** No, the Company does not support a cap on behavioral savings at this time. Based on the
16 Company's most recent potential study, we are projecting an increase in achievable savings
17 potential of up to 30,000 MWh. This projection reflects the evolving effectiveness and
18 scalability of behavioral programs, particularly the HER.

19 A cap on HER savings is unnecessary for several reasons. First, the Company is
20 obligated to present a cost-effective portfolio of EWR offerings that serve all customer
21 segments. This obligation requires a balanced approach to savings across all programs,
22 including behavioral, prescriptive, and custom measures. Second, HER savings are
23 certified through a custom savings evaluation methodology, which ensures that reported

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1 savings are accurate, reliable, and reflective of actual customer behavior. Third, both the
2 Company's internal potential study and the MPSC's Statewide EWR Potential Study
3 continue to demonstrate meaningful savings potential from behavioral programs. These
4 findings support the inclusion of HER as a viable and valuable component of the overall
5 EWR portfolio. However, should the Commission determine that a cap on behavioral
6 savings is warranted, the Company respectfully recommends that any such cap be applied
7 to the total EWR portfolio—encompassing both residential and business sectors—rather
8 than isolating HER savings. This approach would preserve the flexibility needed to
9 optimize program design and cost-effectiveness across the total portfolio.

10 **Q. Is the Company proposing to continue investing in Education and Awareness as part**
11 **of its 2026-2029 Plan?**

12 A. Yes, the Company proposes to invest 3% of its recommended annual funding in Education
13 and Awareness, for both its electric and natural gas programs.

14 **Q. Please describe Utility Shared Savings.**

15 A. Utility Shared Savings are savings from EWR work that generates both electric and gas
16 savings in a territory in which a utility only provides a single fuel service. Savings that are
17 created but unclaimed by the utility completing the EWR work (the "originating" utility),
18 are shared with the utility providing the other fuel service (the "receiving" utility). To be
19 included in shared savings, the project must occur in the originating utility's single-fuel
20 service territory and generate savings of the opposite fuel type, such as gas savings
21 generated in the originating utility's electric only service territory.

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1 **Q. Did the Company estimate and include utility shared savings in its proposed 2026-**
2 **2029 Plan?**

3 A. No. In line with its treatment of self-directed savings authorized in MCL 460.1093, the
4 Company did not incorporate projected shared savings into the plan modeling and resulting
5 EWR Plan proposed in this filing. The Company intends to quantify and claim shared
6 savings in annual EWR reconciliation filings as it did in its 2024 EWR Reconciliation,
7 Case No. U-21671.

8 **Q. How will the Company's programs be administered?**

9 A. The Company plans to continue using independent contractors selected through a
10 competitive bidding process to coordinate daily program activities in the field. Further,
11 the Company will continue to employ program managers, quality control and budget
12 analysts, support services staff, and other internal personnel necessary to achieve the
13 Company's aggressive energy savings targets of 2% electric and 1% gas savings.

14 **Q. Please describe workforce development initiatives included in the Company's**
15 **2026-2029 Plan.**

16 A. Consumers Energy is committed to building a diverse and skilled energy efficiency
17 workforce. While the standalone workforce development pilot has concluded, its core
18 elements are being integrated into existing EWR programs. These efforts will be shaped
19 by market needs, program priorities, and opportunities to align with state and federal
20 workforce initiatives. The Company will continue investing approximately \$500,000
21 annually—about 0.25% of total program spending—consistent with historical levels.
22 Workforce and contractor development will focus on individuals from low-income and
23 environmental justice communities, supporting both equitable access to career

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1 opportunities and the delivery of energy-saving services. This integrated approach allows
2 Consumers Energy to remain responsive to workforce needs while advancing economic
3 opportunities across its service territory.

4 **Q. Please describe Diversity, Equity & Inclusion (“DE&I”) initiatives included in the**
5 **Company’s 2026-2029 Plan.**

6 A. The Company’s EWR program is committed to promoting equity by supporting both
7 diverse and low-income communities. As part of this commitment, the EWR program
8 contributes to the Company’s broader supplier diversity goals by tracking workforce
9 development and diversity investment, helping to create more inclusive economic
10 opportunities. In addition, the EWR program is working to integrate workforce training
11 opportunities into diverse and low-income communities. These efforts are designed to
12 remove barriers to participation in training and career development, ensuring that
13 individuals from historically underserved backgrounds can access and benefit from careers
14 in the energy efficiency sector. To better understand and address the needs of low-income
15 customers, the Company completed a Low Income Needs Assessment (“LINA”) refined
16 study in 2024. This study identified key gaps and opportunities to enhance participation in
17 EWR programs and ensure equitable access. The findings directly informed the
18 Company’s geotargeting initiative, (see the direct testimony of Company witness Reis
19 and Exhibit A-2 (TAY-2)). The Company also actively participates in several
20 MPSC-supported collaboratives and workgroups, including the Energy Affordability and
21 Accessibility Collaborative, the EWR Collaborative, and the EWR Low-Income
22 Workgroup. Through these partnerships, the Company works to identify systemic gaps,

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1 set priorities, and develop actionable recommendations to strengthen DE&I across all EWR
2 initiatives.

3 **Q. In regard to supplier diversity, does Consumers Energy provide an opportunity for**
4 **non-profit organizations, Michigan-based business enterprises, and minority, women,**
5 **veteran, service-disabled veteran, and LGBT-owned diverse business enterprises to**
6 **compete on an equal basis for materials and services?**

7 A. Yes. It is Consumers Energy's policy to provide equitable opportunities for minority-,
8 women-, and veteran-owned, service-disabled veteran, disabled, and LGBTQ businesses,
9 otherwise known as Diverse Suppliers, to compete for materials and services utilized by
10 Consumers Energy. To be recognized as a Diverse Supplier, a business must be at least
11 50% owned, operated, and controlled by individuals from one or more of these groups, and
12 must be certified by a recognized third-party certification agency. To further support this
13 commitment, Consumers Energy requires that at least one certified Diverse Supplier be
14 included in every competitive bid event valued at \$100,000 or more. This policy helps
15 ensure equitable access to business opportunities and supports the growth of diverse
16 enterprises across Michigan and beyond.

17 **b. Funding**

18 **Q. Is the Company seeking continued authority to allocate funds between programs?**

19 A. Yes, the Company is requesting continued authority to reallocate 30% of its portfolio
20 investments to maintain program consistency each year. This flexibility was requested and
21 approved in Case Nos. U-16712, U-16670, U-17351, U-17771, U-18261, U-20372,
22 U-20875, and U-21321.

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1 **Q. Is the Company seeking continued authority to carry forward unspent funds to the**
2 **next program year?**

3 A. Yes, the Company is requesting continued authority to carry forward unspent funds to
4 maintain continuity and ensure flexibility over the Plan period.

5 **Q. Is the Company seeking continued authority to increase annual investment above**
6 **amounts approved in the final case order by up to 6% of electric and 10% of gas**
7 **investment?**

8 A. Yes. As approved in Case Nos. U-20372, U-20875, and U-21321, to ensure continuity of
9 the EWR program portfolio in the market and delivery of increased savings targets, if cost
10 effective, the Company is requesting approval to increase annual investment above
11 approved amounts by up to 6% of electric and 10% of gas investment. The Company
12 maintains the need to balance spending in EWR, along with other utility spend.
13 Affordability is a critical part of the Company's financial planning, and any increases in
14 EWR spending will be evaluated through a customer affordability lens.

15 **Q. Is the Company recommending maintaining flexibility as to how incentives can be**
16 **paid to customers?**

17 A. Yes. As first approved in Case No. U-20875, the Company is proposing continuing to
18 allow customers who participate in EWR programs or pilot programs the option to receive
19 incentive payments through bill credits as an alternative to receiving incentive payments
20 through a paper check. The Company also proposes to continue offering customers who
21 participate in EWR programs or pilot programs initiatives the flexibility to receive program
22 rebates and incentive payments through approved methods. These may include: check,
23 on-bill credit, direct installation of equipment, full or partial coverage of equipment costs,

1 a gift of energy, online payment platforms (such as PayPal), or gift cards. This will allow
2 for an easier and faster way for customers to receive their incentive if they choose. The
3 Company's billing system currently has the necessary functionality to support on-bill
4 incentive credits requiring minimal additional costs to provide this option to customers.

5 **c. Evaluation**

6 **Q. What process does the Company propose for evaluating actual energy savings**
7 **associated with the Plan?**

8 A. Program Evaluation, Measurement, and Verification ("EM&V") activities are central to
9 the success of Consumers Energy's portfolio. EM&V activities are implemented through
10 residential and business portfolio third-party evaluators selected through a competitive bid
11 process. The third-party evaluators' role is to verify program savings, monitor program
12 performance, and evaluate the effectiveness of EWR efforts. These activities serve to
13 determine the actual program level savings being delivered and to maximize energy
14 optimization investments. The Company proposes to continue using primary research
15 methods such as surveys and interviews with customers and trade allies, to better
16 understand their perceptions of programs and to help improve program operations and the
17 overall customer experience.

18 **Q. How will the Company demonstrate that its Plan is achieving the intended results?**

19 A. The Company will continue to file an annual reconciliation report with the Commission
20 after the end of each Plan year that details the level of spending and energy saved from
21 each program.

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1 **Q. For this Plan, are there any additional adjustments to these base energy savings used**
2 **to calculate final energy savings?**

3 A. Yes. There are “Net-to-Gross” (“NTG”) adjustments and “installation adjustments.”

4 **Q. What is an NTG ratio?**

5 A. The NTG ratio is used to estimate the energy savings achieved by the Company’s
6 programs, net of that which would have occurred in the absence of the programs, i.e., free
7 ridership, and that which results from program intervention but is not accounted for in
8 documented savings, i.e. spillover.

9 **Q. What assumption has the Company made with regard to NTG ratios in the EWR**
10 **Plan presented in this case?**

11 A. The Company has assumed and requests a continued NTG ratio of 0.92 for all market-rate
12 program measures and an NTG of 1.00 for measures implemented through the Income
13 Qualified Assistance programs, consistent with the NTG authorized in Case No. U-21321
14 and the NTG ratios used by other Michigan utilities. Further detail regarding NTG ratios
15 can be found in the Company’s 2026-2029 EWR Plan Report, Exhibit A-2 (TAY-2).

16 **Q. What is an installation adjustment?**

17 A. Post hoc evaluations conducted by the Company’s evaluation contractors for each program
18 verify the actual installation at customer premises of the EWR measures for which the
19 Company is claiming energy savings. This analysis is especially relevant for measures
20 distributed directly to customers for installation rather than those installed by a program
21 technician or trade partner. These evaluations sometimes reveal that a small percentage of
22 the installations did not occur, occurred outside the Company’s service territory, occurred
23 improperly such that the desired energy savings are not being achieved, or were

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1 subsequently removed by the customer. To the extent these conditions are found, the
2 Company takes appropriate adjustment to claimed energy savings. This adjustment is
3 referred to as an “in-service rate adjustment.”

4 **Q. What assumption has the Company made regarding installation adjustments in the**
5 **Plan presented in this case?**

6 A. The Company’s independent residential and business evaluation contractors, Cadmus
7 Group and TRC, provided these adjustments based on evaluation research conducted and
8 they are included as an adjustment to energy savings, where applicable. This detailed
9 information can be found in the Company’s 2026-2029 EWR Plan Report, Exhibit A-2
10 (TAY-2).

11 **Q. Is the Company engaged in efforts, including external collaborations related to the**
12 **Inflation Reduction Act (“IRA”) and the Infrastructure Investment and Jobs Act**
13 **(“IIJA”) EWR program and funding opportunities?**

14 A. Yes. The Company is actively engaged in efforts to support and align with the IRA and
15 IIJA. These federal initiatives present significant opportunities to enhance EWR efforts by
16 increasing program participation, supporting decarbonization, expanding the skilled
17 workforce, and reducing energy burdens for income-qualified customers. The Company
18 is participating in discussions with stakeholders and monitoring guidance from federal and
19 state agencies to identify how IRA and IIJA funding can be integrated with utility EWR
20 programs. The Company is collaborating with government entities, community partners,
21 and industry peers to leverage these resources effectively. Through the uncertainties
22 associated with these programs, the Company is committed to pursuing opportunities that
23 align with its EWR goals, whenever and however available.

1 **IV. SAVINGS TARGETS & SALES FORECAST**

2 **a. 3-Year Average Methodology**

3 **Q. Is the Company proposing any changes in the methodology for calculating the annual**
4 **savings targets?**

5 A. Yes. The Company proposes to calculate energy savings targets based on the average sales
6 during the three years preceding the year for which incremental energy savings are being
7 calculated and the statutory savings percentages in accordance with Section 77 of Act 295,
8 as amended. The annual energy savings targets for both electric and natural gas service
9 are shown in Exhibit A-1 (TAY-1). The savings targets for each service are based on the
10 corresponding average retail sales provided by Company witness Breuring.

11 **Q. Why is the Company choosing to calculate the annual EWR savings target based on**
12 **the prior three-year average sales?**

13 A. The decision to calculate annual EWR savings targets using the prior three-year average of
14 retail energy sales is intended to mitigate the impact of atypical fluctuations in annual sales
15 data—such as those caused by the addition or retirement of large-load facilities, economic
16 disruptions, and significant technological changes with uncertain adoption forecasts—by
17 smoothing out anomalies over a multi-year period. As a result, it ensures that EWR targets
18 are neither artificially inflated nor understated due to changes. Moreover, the use of a
19 three-year average provides a more stable and predictable basis for program planning and
20 investment supporting sustained EWR efforts.

1 **b. Annual Savings Targets**

2 **Q. Is the Company proposing to adjust its sales volume for use in its annual saving**
3 **targets?**

4 A. Yes, in Exhibit A-1 (TAY-1), page 2, line 2, when determining total gas sales, as the basis
5 to calculate the statutory target, the Company is proposing to continue removing gas sales
6 to Electric Generation customers as approved in Case Nos. U-20372, U-20875, and
7 U-21321. In addition, in Exhibit A-1 (TAY-1), page 1, line 1, when determining the total
8 retail electric sales basis for calculating the statutory target, the Company is proposing to
9 remove electric sales for electric vehicles (“EVs”) and new data centers.

10 **c. Exclusions**

11 **Gas Sales**

12 **Q. Why is the Company proposing to continue the gas sales adjustment?**

13 A. The Company’s 12 Electric Generation customers currently represent over 6% of total gas
14 sales and their inclusion would increase the statutory annual energy savings target by about
15 20 Bcf. Electric Generation customers have not historically participated in EWR gas
16 programs and represent a large segment of the load that cannot, through the Company’s
17 gas EWR programs, be made more efficient. This adjustment has been adopted in past
18 cases.

19 **Electric Vehicles and New Data Centers**

20 **Q. Why is the Company proposing to adjust electric sales to exclude EVs and new data**
21 **center usage?**

22 A. Through its EWR Plan modeling effort, the Company found that activities to achieve
23 electric savings approaching the 2% target became increasingly costly. To avoid spending

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1 more on less cost-effective measures and increasing costs for customers, the Company is
2 proposing to adjust the inputs for the savings targets to reduce EWR Plan costs while
3 delivering the most impactful savings. Like the exclusion of Electric Generation customers
4 for the gas target, the exclusion of EVs and new data center load for electric ensures that
5 the EWR plan remains cost-effective, achievable, and aligned with legislative
6 considerations in MCL 460.1073(2) that an EWR plan cost-effectively produce changes in
7 customers' consumption patterns, avoid unreasonable prejudice or disadvantage to any
8 class of customers, and provide programs that are affordable for all customers. The
9 Company's proposal avoids setting targets that would require pursuing increasingly costly
10 savings from customer segments such as residential and small business customers who are
11 already contributing effectively and operating at the technological limits of energy
12 efficiency. Including EV and data center loads, which offer limited actionable efficiency
13 potential, would raise the savings targets without a corresponding increase in achievable
14 savings from those sectors. As a result, the burden would shift to customers who are more
15 responsive to EWR programs but also more vulnerable to cost increases.

16 This shift would lead to a portion of the resulting costs being borne by residential
17 and small business customers, effectively subsidizing the shortfall in savings from EV and
18 data center loads through higher program costs. Modeling indicates that this could increase
19 customer costs by approximately \$57 million if data centers and EVs are not excluded -
20 with \$46 million attributable to the inclusion of new data center loads and \$11 million
21 attributable to EVs. Households and small businesses would bear an estimated 63% of this
22 EWR surcharge increase. The Company's proposal protects other customer classes from
23 bearing disproportionate program costs to make up for savings that are structurally

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1 unattainable, ensuring that the EWR Plan remains equitable, cost-effective, and aligned
2 with practical implementation realities.

3 **Q. Has the Commission previously approved similar adjustments?**

4 A. Yes, the MPSC has previously adjusted baseline sales to ensure that EWR targets are
5 reasonable and cost-effective. For example, in Case Nos. U-16302, U-16412, U-16670,
6 U-17351, U-17771, and U-18261, the Commission approved adjustments to the gas
7 savings target to reflect the limited savings from large gas transportation customers and to
8 avoid requiring additional costs from residential and small business customers to offset the
9 disparity in savings. In addition, as discussed, in Case Nos. U-20372, U-20875, and
10 U-21321, the Commission approved settlement agreements that included downward
11 adjustments in gas energy savings targets to remove gas sales to electric generation
12 customers. Similar to those loads, EV and new data centers are not responsive to
13 conventional EWR interventions and therefore should be excluded to ensure a meaningful
14 target-setting methodology.

15 **Q. Why is the Company recommending the exclusion of EV charging usage from the**
16 **retail electric sales forecast?**

17 A. The EWR framework works to reduce energy waste from traditional loads—such as
18 lighting, HVAC, appliances, and processes—where utilities can implement targeted,
19 cost-effective strategies to achieve measurable savings. EV charging, by contrast,
20 introduces a fundamentally different type of load that is new, mobile, and not traditionally
21 wasteful.

22 First, EV charging reflects fuel-switching—from gasoline to electricity—rather
23 than an inefficiency in physical building electric consumption. While beneficial from an

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1 emissions perspective, this shift results in new electric load rather than an opportunity to
2 reduce existing usage. Including EV sales in the sales forecast baseline would divert focus
3 from optimizing current residential, commercial, and industrial energy use.

4 Second, EV energy consumption is not meaningfully addressable through
5 utility-run EWR programs. EV efficiency is determined by manufacturers and regulated
6 through federal vehicle standards, not through behavioral or equipment-based interventions
7 that the Company's programs offer. The Company lacks control over, and access to, the
8 key levers—such as vehicle type, driving behavior, and charging location—needed to
9 influence EV energy use or to deliver verified savings.

10 Third, EV load is highly variable and often transient. EV drivers may charge across
11 service territories—at home, workplaces, truck stops, along interstates, or while visiting
12 seasonal destinations—without being customers of the serving utility. For example,
13 Consumers Energy may serve the charging station, but the EV driver may be a customer
14 of another utility. In such cases, the Company incurs increased electric sales without any
15 ability to influence customer behavior or capture associated savings. This disconnect
16 between load growth and program reach introduces a fundamental misalignment in EWR
17 target-setting.

18 Further, the limited energy savings potential of EV-related measures reinforces the
19 need for the exclusion. The only currently recognized measure—ENERGY STAR
20 certified chargers—offers minimal annual savings, approximately 0.03 MWh per
21 networked charger.¹ These devices are often installed by default under existing EV

¹ Michigan Public Service Commission, 2024 MEMD Master Database. November 30, 2023.
https://www.michigan.gov/mpsc/-/media/Project/Websites/mpsc/regulatory/ewr/MEMD-and-BRM/mi_master_measure_database_2024_11302023.xlsx

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1 programs and are insufficient to contribute meaningfully, or cost-effectively, toward the
2 2% annual electric EWR savings target. While a high-efficiency EV measure may be
3 conceptually feasible, it faces significant barriers to implementation. These include:
4 (1) wide variation in energy performance across vehicle models; (2) lack of standardized,
5 accessible data from VIN or motor vehicle records to verify efficiency classification²; and
6 (3) the inability of utility EWR incentives to meaningfully influence EV purchase behavior,
7 which is driven more by cost, range, brand preference, and federal/state incentives than
8 utility interventions.

9 Inclusion of EV load would result in:

- 10 • Inflated EWR targets without feasible pathways to achieve corresponding
11 savings;
- 12 • Diversion of program resources away from proven efficiency opportunities
13 such as HVAC upgrades, weatherization, and industrial process
14 improvements; and
- 15 • Confusion regarding program intent and performance.

16 EV electricity sales do not represent wasteful electric use that EWR programs were
17 created to deliver cost-effective, measurable energy savings within a utility's existing
18 customer base. Including EV load in the sales baseline for EWR targets imposes an
19 \$11 million cost increase without delivering meaningful energy savings or influencing
20 consumer behavior, and is fundamentally misaligned with the purpose of EWR. EWR
21 incentives will not meaningfully influence EV purchase behavior, which is driven far more
22 by vehicle cost, range, brand loyalty, and federal/state incentives than by utility programs.
23 As a result, this approach erodes cost-effectiveness and weakens the strategic focus of

² Apex Analytics. RTF Electric Vehicle Market Characterization Study. February 12, 2014.
<https://nwcouncil.app.box.com/v/Feb2024ApexEVslides>

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1 EWR programming. To maintain the effectiveness of Michigan’s energy efficiency efforts,
2 EV load should be excluded from the EWR baseline. Doing so ensures that resources
3 remain focused on achievable, high-impact savings that directly benefit the customers who
4 fund these programs.

5 **Q. What is the impact on EWR savings targets if EV usage is to be included in the electric**
6 **sales forecast?**

7 A. Over the course of this planning period, on average EVs represent up to 3% of forecasted
8 electric sales (1.7% of total sales on average) and their inclusion would increase the
9 statutory annual energy savings target by over 982,204 kWh. As Michigan advances
10 toward its goal of 2 million EVs on the road by 2030, representing a nearly twentyfold
11 increase from 2024, EV load is expected to become a significant and rapidly growing
12 portion of system electric demand.

13 **Q. Are you aware of any additional research that supports the exclusion of EV usage**
14 **from EWR planning assumptions?**

15 A. The research below supports the exclusion of EV energy consumption from energy
16 efficiency planning assumptions:

- 17 1. “Energy and Emission Implications of Electric Vehicles Integration with Nearly
18 and Net Zero Energy Buildings³”
 - 19 • Summary: Identifies EV charging as an external load to building energy
20 efficiency assessments and recommends excluding it from net-zero building
21 boundaries unless regulations and calculation methods are adjusted.

³ Rehman, H. u., Diriken, J., Hasan, A., Verbeke, S., & Reda, F. (2021). Energy and Emission Implications of Electric Vehicles Integration with Nearly and Net Zero Energy Buildings. *Energies*, 14(21), 6990. <https://doi.org/10.3390/en14216990>

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- 1 2. “Impact of Electric Vehicles Consumption on Energy Efficient and Self-Sufficient
2 Performance in Building⁴”
3 • Summary: Highlights that EV charging is not yet considered a standard building
4 load and may disrupt NZEB (Nearly Zero Energy Building) assessments unless
5 managed with dedicated strategies.
- 6 3. LEED / ASHRAE Exception for EV Charging Energy⁵
7 • Summary: ASHRAE 90.1 2019 explicitly allows EV charging energy used for
8 off-site transportation to be excluded from building energy performance
9 models, provided it is separately metered.
- 10 4. U.S. EIA – “Use of energy for transportation: EVs have some implications for the
11 grid⁶”
12 • Summary: Confirms that EVs represent a new, variable load. It notes grid
13 challenges and localized system impacts rather than inefficiency in existing
14 load.
- 15 5. “Energy efficiency trade-offs in small to large electric vehicles⁷”
16 • Summary: Discusses the absence of direct utility influence on EV efficiency
17 and the complexities of defining EV “efficiency” in kilowatt hours per 100 km,
18 underscoring why EVs are not suited for conventional energy efficiency
19 metrics.

20 Based on the analysis and supporting literature, EVs may be best aligned as a
21 demand side resource suited for DR programming rather than an energy efficiency
22 opportunity.

23 **Q. Why is the Company recommending exclusion of data center usage from the electric
24 sales forecast?**

25 A. Data centers represent a unique class of large commercial customers whose electric
26 consumption is driven by constant, high-density computing demand and whose operations
27 are often optimized for energy efficiency from the outset. These facilities often are

⁴ Souza, A. C. D. B. d., Vasconcelos, F. M. d., Moreira, G. A. M., Alves, J. V. d. R., Tabora, J. M., Tostes, M. E. d. L., Carvalho, C. C. M. d. M., & Nascimento, A. A. d. (2024). Impact of Electric Vehicles Consumption on Energy Efficient and Self-Sufficient Performance in Building: A Case Study in the Brazilian Amazon Region. *Energies*, 17(16), 4060. <https://doi.org/10.3390/en17164060>

⁵ usgbc.org/leedaddenda/10499

⁶ [Use of energy for transportation electric vehicles - U.S. Energy Information Administration \(EIA\)](#)

⁷ Weiss, M., Cloos, K.C. & Helmers, E. Energy efficiency trade-offs in small to large electric vehicles. *Environ Sci Eur* 32, 46 (2020). <https://doi.org/10.1186/s12302-020-00307-8>

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1 designed to incorporate advanced energy management technologies—such as liquid
2 cooling systems, real-time server load balancing, and AI-driven infrastructure
3 monitoring—prior to engagement with the utility. As a result, their remaining potential for
4 utility-driven EWR is minimal, and not large enough to offset the significant increase in
5 energy consumption. Furthermore, Michigan’s upcoming adoption of the IECC 2021
6 building code will introduce stronger efficiency requirements for new data centers from
7 ASHRAE 90.4,⁸ effectively raising the baseline upon which utilities may be able to claim
8 future new construction savings for these facilities. As a result, previous data center
9 savings projects are likely not reflective of the lesser opportunities that will be available in
10 upcoming projects. And new state sales tax incentives require participating data centers to
11 achieve green building certification,⁹ which may prompt them to pursue energy measures
12 to satisfy this requirement of the law, regardless of utility offerings.

13 Together, the combined trends of stagnant energy efficiency gains in data centers,
14 high levels of efficiency in newer, larger facilities, and increasing code baselines for new
15 construction indicate there may be limited opportunity for Consumers Energy to claim
16 savings of the magnitude needed to keep pace with sales increases. Including this load in
17 the forecast inflates the denominator from which EWR targets are calculated, without
18 providing a corresponding increase in cost-effective, achievable savings potential. This
19 creates a misalignment between program goals and target setting, undermining
20 cost-effectiveness principles.

⁸ Michigan Department of Environment, Great Lakes & Energy, Comparative Commercial Provisions Highlights For ASHRAE 90.1-2013, ASHRAE 90.1-2019 and 2021 IECC. December 2022. <https://www.michigan.gov/egle/-/media/Project/Websites/egle/Documents/Programs/MMD/Energy/MEO-Compliance-Aid-Commercial-Comparison-Highlights-202212.pdf>

⁹ Michigan Legislature, Enrolled Senate Bill No. 237. December 30, 2024. <https://legislature.mi.gov/documents/2023-2024/publicact/htm/2024-PA-0181.htm>

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1 **Q. What is the impact on EWR savings targets if new data center usage is included in**
2 **the electric sales forecast?**

3 A. Over the course of this planning period, new data center load represents up to 5% of
4 forecasted electric sales (3.3% of total sales on average) and its inclusion would increase
5 the statutory annual energy savings target by more than 1,776,225 kWh, with potential for
6 even more as new data centers locate in Michigan. And based on current customer
7 engagement and projected development timelines, this load is expected to materially
8 increase beginning in 2028 and beyond, which may influence the ability to achieve future
9 savings targets should the load materialize as forecasted. If included in the EWR baseline,
10 the growing data center load alone is projected to increase total customer costs by
11 approximately \$46 million. As data center development accelerates, the structural inequity
12 in target-setting will only deepen, placing an even greater financial burden on the very
13 customers EWR programs are intended to support.

14 **Q. Are you aware of any additional research that supports the exclusion of new data**
15 **centers from EWR planning assumptions?**

16 A. After a decade of marked improvement, industry-wide data center energy efficiency gains
17 have been minimal since 2018 as legacy facilities have already adopted easier, more
18 cost-effective measures. Independent research from the Lawrence Berkeley National
19 Laboratory (“LBNL”)¹⁰ and the 2024 Uptime Institute Global Data Center Survey¹¹
20 confirms that most modern data centers already operate near optimal energy performance,

¹⁰ Lawrence Berkeley National Lab, 2024 United States Data Center Energy Usage Report. December 2024.
<https://eta-publications.lbl.gov/sites/default/files/2024-12/lbnl-2024-united-states-data-center-energy-usage-report.pdf>

¹¹ Uptime Intelligence, Uptime Institute Global Data Center Survey, 2024. July 2024.
https://uptimeinstitute.com/uptime_assets/7425ec68d479c5d78a743df94a79b114ed9f9c73f13b6460949d2b8e73373209-GA-2024-07-uptime-institute-global-data-center-survey-results-2024.pdf

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1 often achieving Power Usage Effectiveness (“PUE”)¹² ratios close to 1.2 or lower. This
2 leaves limited opportunity for incremental improvements via utility incentive programs.
3 The research shows that while industry average measures of PUE range from 1.4 to 1.6,
4 new builds often achieve more efficient PUE results of 1-2 to 1.3 or lower. Larger and
5 AI-specialized facilities can achieve even more efficient system designs. Moreover, the
6 American Council for an Energy-Efficient Economy (“ACEEE”) has shown that the
7 marginal cost to acquire energy savings from data centers is substantially higher than that
8 of traditional commercial or residential programs, often exceeding acceptable thresholds
9 under the UCT.

10 **Q. What is free ridership and why is it relevant here?**

11 A. Free ridership occurs when a customer adopts energy-efficient technologies or practices
12 that would have occurred in the absence of utility programs or incentives. For data centers,
13 energy-efficient infrastructure is a baseline business decision, not a program-driven
14 outcome. Therefore, including their savings in EWR calculations would overstate the
15 program’s influence and understate its effectiveness.

16 **Q. What evidence supports this high free ridership claim for data centers?**

17 A. Recent evaluation of ComEd’s Data Centers new construction program found free ridership
18 was 94%,¹³ indicating that data centers are highly likely to undertake efficiency projects
19 without utility intervention. This study indicates that most data centers are not influenced
20 by utility programs and therefore should not contribute to EWR targets.

¹² Power Usage Effectiveness, or PUE, is the data center industry’s preferred measurement of energy efficiency of a facility. The calculation is [Total Facility Electricity Usage] / [IT Equipment Electricity Usage]. A lower PUE indicates greater efficiency. A facility with a PUE of 2.0 means that non-IT usage, such as cooling equipment or lighting, is equal to that of IT usage.

¹³ Guidehouse, Net-to-Gross Research Results for the ComEd Custom Program and Data Center Subprogram – Final. September 16, 2024. <https://www.ilsag.info/wp-content/uploads/ComEd-Custom-NTG-2024-Memo-2024-09-16-FINAL.pdf>

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1 **Q. What methodology did the Company use to calculate these exclusions?**

2 A. The Company included EV and new data center load in its total sales forecast, supported
3 by Company witness Breuring. The Company identified these as separate inputs to the
4 forecast and was able to exclude them on Exhibits A-4 (EMB-1) and A-5 (EMB-2). The
5 EV sales forecast is based on the expected number of vehicles on the road in the Company's
6 service territory, average miles driven, and average energy consumption per mile driven.
7 The new data center sales forecast is the expected committed data center load in the
8 Company's service territory. Actual EV sales to be excluded in future EWR reconciliation
9 cases would be calculated using an estimate of vehicles on the road and miles driven, and
10 the average energy consumption per mile driven. Actual data center sales to be excluded
11 in future EWR reconciliation cases would be the actual metered deliveries for the identified
12 customers.

13 **Q. What is the risk of not approving these proposed exclusions?**

14 A. Without changes to the calculation methodology for EWR electric goal setting, the
15 Company runs the risk of underperforming on the 2% incremental savings goal. New loads
16 from data centers and transportation electrification are expected to dramatically increase
17 system sales over the coming decades – a trend not seen since the introduction of
18 Michigan's EWR programs in 2009.

19 While normal new electric loads generally bring accompanying EWR savings
20 potential, the new segments driving load growth – particularly data centers and
21 transportation electrification – are likely to bring less opportunity for savings, making the
22 existing 2% savings target significantly more difficult and expensive to achieve once those
23 new loads are used to calculate EWR savings goals.

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1 Over the past four years, Consumers Energy has achieved approximately 667,000
2 MWh savings on average per year, or 2.1% of the average retail sales from 2020 – 2023.
3 Assuming Consumers Energy is able to maintain similar EWR portfolio performance, but
4 with the addition of projected new data center and EV sales growth, the same 667,000
5 MWh portfolio savings would fall below the 2.0% savings target starting in 2028. This
6 means the pursuit of less cost-effective savings measures to make up the difference, leading
7 to lower overall cost-effectiveness of the EWR portfolio, driving higher costs for EWR
8 savings for customers.

9 **V. FINANCIAL INCENTIVE MECHANISM**

10 **Q. Is the Company proposing a PIM for the 2026-2029 Plan?**

11 A. Yes. Pursuant to Section 75 of Act 295, as amended, the Company requests approval of
12 the performance incentive based on lifetime savings, IQ program investment, and
13 low-income measure installations. This structure supports cost-effective, equitable EWR.

14 **Q. Is the Company requesting any modifications to the currently approved performance
15 incentive calculation?**

16 A. No. The Company is not proposing any changes to the PIM at this time. The Company
17 intends to maintain the structure approved in the 2024–2025 EWR Plan Amended
18 Settlement Agreement in Case No. U-21321. The PIM remains based on achieving the
19 annual incremental energy savings thresholds established in Section 75 of Act 295, as
20 amended. Under Act 229’s amendment to Act 295, the electric savings standard increases
21 to 1.5% and the gas savings standard to 0.875% annually beginning in 2026. The Act also
22 introduced a revised incentive tier structure for exceeding these new standards, added a
23 bonus incentive opportunity for gas measures that reduce space heating load, and

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1 established minimum lifetime savings thresholds of 8 years for electric and 10 years for
2 gas measures. See MCL 460.1075 and 460.1077. The updated PIM continues to
3 incorporate both lifetime savings and supplemental metrics. Incentive eligibility is
4 determined first by meeting the applicable incremental savings thresholds, followed by
5 performance against the lifetime and supplemental metrics. Additional detail of the
6 proposed electric and gas financial incentive mechanisms is provided in Exhibit A-3
7 (TAY-3).

8 **Q. How is the PIM calculated?**

9 A. The Company's PIM is calculated using a scaled structure that rewards achievement
10 beyond the minimum legislative first year energy savings requirements. To qualify for any
11 incentive, the Company must first meet the annual incremental energy savings thresholds.
12 Once that threshold is met, the incentive is determined based on performance across three
13 key metrics:

- 14 1. **Lifetime Energy Savings** – Encourages long-term efficiency by rewarding programs
15 that deliver sustained savings. A minimum threshold must be met to qualify.
- 16 2. **Low-Income Program Investment** – Requires a minimum percentage of total
17 portfolio spending to be directed toward low-income customers, with higher
18 investment levels qualifying for greater incentives.
- 19 3. **Low-Income Targeted Measure Installations** – The number of energy-saving
20 premium measure installations for low-income customers, with higher counts
21 corresponding to higher incentive levels.

22 The total incentive is scaled based on the Company's performance across these metrics,
23 with higher achievement resulting in a larger financial incentive, up to a defined maximum.
24 This structure ensures alignment with policy goals such as long-term savings, equity, and
25 customer impact.

26 **Q. Does this conclude your direct testimony?**

27 A. Yes.

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter, on the Commission's own motion,)
regarding the regulatory reviews, revisions,)
determinations, and/or approvals necessary for)
CONSUMERS ENERGY COMPANY to fully)
comply with Public Act 295 of 2008, as amended)
_____)

Case No. U-21680

EXHIBITS

OF

THEODORE A. YKIMOFF

ON BEHALF OF

CONSUMERS ENERGY COMPANY

August 2025

MICHIGAN PUBLIC SERVICE COMMISSION
Consumers Energy Company

Case No.: U-21680
Exhibit No.: A-1 (TAY-1)
Page: 1 of 2
Witness: TAYkimoff
Date: August 2025

Calculation of Annual Energy Savings Targets
Electric Service (Megawatt-hours)

	(a)	(b)	(c)	(d)
<u>Line No.</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>
1	32,992,124	33,087,342	33,120,101	32,997,877
2	1.5%	1.5%	1.5%	1.5%
3	494,882	496,310	496,802	494,968

Notes:

(1) Exhibit A-4 (EMB-1), column (m)

MICHIGAN PUBLIC SERVICE COMMISSION
Consumers Energy Company

Case No.: U-21680
Exhibit No.: A-1 (TAY-1)
Page: 2 of 2
Witness: TAYkimoff
Date: August 2025

Calculation of Annual Energy Savings Targets
Gas Service (Thousand Cubic Feet)

Line No.	Description	(a) <u>2026</u>	(b) <u>2027</u>	(c) <u>2028</u>	(d) <u>2029</u>
1	Previous Three-year Average Sales Excluding Electric Generation ⁽¹⁾	286,640,467	286,500,040	287,740,907	287,123,274
2	Gas Statutory Savings Percentage	0.875%	0.875%	0.875%	0.875%
3	Gas Statutory Savings Target	2,508,104	2,506,875	2,517,733	2,512,329

Notes:

(1) Exhibit A-5 (EMB-2), column (j).



CONSUMERS ENERGY 2026-2029 ENERGY WASTE REDUCTION PLAN

Submitted To:
Michigan Public Service Commission
Case No: U-21680
August 1, 2025

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ACRONYMS AND ABBREVIATIONS

Acronyms and Abbreviations

Acronym	Definition
BPI	Building Performance Institute
DSM	Demand-side management
ECS	Energy Concierge Services
EGLE	Department of Environment, Great Lakes, and Energy
eHER	Electronic home energy report
EISA	Energy Independence and Security Act
EJ40	Environmental Justice 40 initiative
EM&V	Evaluation, measurement, and verification
EV	Electric vehicles
EWR	Energy waste reduction
FPL	Federal Poverty Line
GAF	Gross adjustment factor
HER	Home energy report
HERS	Home Energy Rating System
HUD	U.S. Department of Housing and Urban Development
HVAC	Heating, ventilation, and air conditioning
IC	Implementation Contractor
IJA	Infrastructure Investment and Jobs Act
IRP	Integrated resource plan
IRA	Inflation Reduction Act
LEED	Leadership in Energy and Environmental Design
LINA	Low-Income Needs Assessment
MEMD	Michigan Energy Measures Database
MPSC	Michigan Public Service Commission
PCT	Participant cost test
Plan	2026-2029 EWR Plan (this document)
RIM	Ratepayer impact measure test
SCT	Societal cost test
SEM	Industrial and Strategic Energy Management
SMB	Small- and medium-sized business
TRC	Total resource cost test
UCT	Utility cost test

EXECUTIVE SUMMARY

Executive Summary

Consumers Energy Company (Consumers Energy or the Company) has provided reliable, affordable electricity and natural gas service to its customers for more than 130 years. The Company remains committed to planning for and ensuring an adequate electricity and natural gas supply to meet the needs of Michigan homes and businesses, while leading the charge toward a clean energy future and supporting Michigan's clean energy goals.

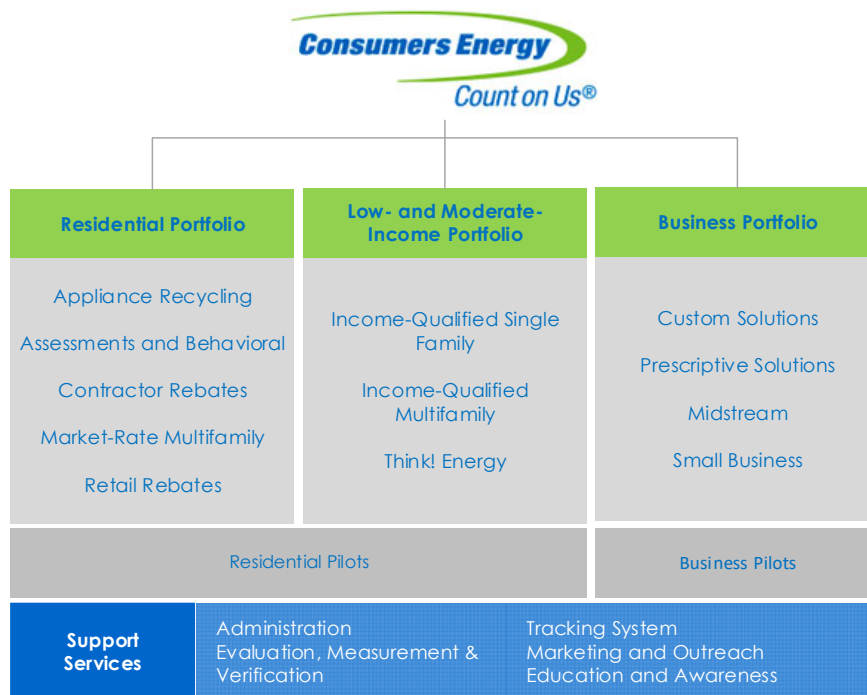
In compliance with Public Act 295 of 2008, as amended, and pursuant to the Michigan Public Service Commission (MPSC) Order issued November 7, 2024, in Docket No. U-21680, et al., the Company presents this 2026-2029 EWR Plan (Plan) for consideration by the MPSC. This Plan details the portfolio of residential and business programs Consumers Energy will offer to exceed its annual statutory targets of 1.5% electric savings and 0.875% natural gas savings (as a percentage of energy sales).

To continue its commitment to exceeding the statutory energy-savings targets each year, the Company has adopted savings goals that exceed its statutory electric savings target by 25% and its natural gas target by 14%. To support these goals, the Company will maintain a comprehensive portfolio of energy waste reduction programs. In the 2026-2029 Plan, offerings have been streamlined to provide customers with greater flexibility in pursuing energy efficiency solutions. A cornerstone of this Plan is the expansion of the Low-Income sector to include customers defined as moderate-income. In this Plan, Consumers Energy includes a program portfolio dedicated to its low- and moderate-income customers with expanded eligibility definitions, new incentive tiers, and exploratory initiatives designed to specifically support customers lacking the financial resources to invest in energy waste reduction.

These initiatives are designed to meet the statutory investment requirements for both natural gas and electric services. By prioritizing these customers, Consumers Energy aims to ensure equitable access to energy-saving technologies and services for Michigan's most vulnerable households. This focus will help deliver long-term benefits to underserved communities while advancing broader environmental and economic objectives. Nonetheless, the Company recognizes that achieving these elevated energy savings targets will be increasingly challenging. As outlined in the Portfolio Risks and Risk Mitigation Strategies section of this Plan, several factors—including changing baselines, economic disruption and uncertainty, legislative and regulatory challenges, and declining savings potential increase the Company's risk associated with goal achievement. Despite these challenges, the proposed portfolio will continue to provide customers with opportunities to reduce their energy usage, decrease their environmental impact, and lower their utility bills. Figure ES-1 presents the portfolio structure.

EXECUTIVE SUMMARY

Figure ES-1. 2026-2029 Energy Waste Reduction Portfolio Structure



EWR Portfolio Summary and Savings Goals

Consumers Energy is proposing to invest a total of \$1.18 billion in its electricity and natural gas EWR programs over calendar years 2026 to 2029. As detailed in Table ES-1, Consumers Energy plans to achieve a 2% electricity savings goal. As detailed in Table ES-2, the Company plans to achieve a 1% natural gas savings goal.

Table ES-1. Electricity Investment and Savings Compared to Targets (2026-2029)

	2026	2027	2028	2029
Planned Investment, Electricity Programs	\$203,238,454	\$208,262,169	\$210,676,046	\$212,415,856
Annual Electricity Savings, Statutory Target (MWh)	494,882	496,310	496,802	494,968
Annual Electricity Savings, Statutory Target (%)	1.50%	1.50%	1.50%	1.50%
Annual Electricity Savings, Planned (MWh)	660,257	662,018	663,058	660,320
Annual Electricity Savings, Planned (%)	2.00%	2.00%	2.00%	2.00%

Table ES-2. Natural Gas Investment and Savings Compared to Targets (2026-2029)

	2026	2027	2028	2029
Planned Investment, Natural Gas Programs	\$86,765,558	\$86,646,072	\$87,847,272	\$88,888,955
Annual Natural Gas Savings, Statutory Target (Mcf)	2,681,122	2,679,382	2,676,984	2,691,359
Annual Natural Gas Savings, Statutory Target (%)	0.875%	0.875%	0.875%	0.875%
Annual Natural Gas Savings, Planned (Mcf)	3,067,402	3,064,771	3,061,704	3,075,890
Annual Natural Gas Savings, Planned (%)	1.00%	1.00%	1.00%	1.00%

EXECUTIVE SUMMARY

As detailed in Table ES-3, during the four years of the proposed portfolio, approximately 70% of the investment is allocated for electricity programs and 30% is allocated for natural gas programs.

Table ES-3. Annual Investment and Percentage of Total Investment (2026-2029)

	2026	2026	2028	2029
Planned Investment, Electricity Programs	\$203,238,454	\$208,262,169	\$210,676,046	\$212,415,856
Percentage of Total Investment	70%	71%	71%	70%
Planned Investment, Natural Gas Programs	\$86,765,558	\$86,646,072	\$87,847,272	\$88,888,955
Percentage of Total Investment	30%	29%	29%	30%
Total Investment, EWR Programs	\$290,004,012	\$294,908,241	\$298,523,319	\$301,304,811

As shown in Table ES-4, Consumers Energy plans to invest up to 26% of its total electric portfolio budget in the income-qualified sector and up to 43% of its total natural gas budget in the income-qualified sector, in compliance with statutory requirements.

Table ES-4. Annual Income-Qualified Investment and Percentage of Total Investment (2026-2029)

	2026	2026	2028	2029
Planned IQ Electric Investment	\$50,106,579	\$53,620,367	\$54,793,810	\$55,433,429
Percentage of Total Electric Investment (%)	25%	26%	26%	26%
Annual IQ Electric Investment, Statutory Target (%)	25%	25%	25%	25%
Planned IQ Natural Gas Investment	\$36,311,180	\$36,211,732	\$37,205,136	\$38,076,338
Percentage of Total Natural Gas Investment (%)	42%	42%	42%	43%
Annual IQ Natural Gas Investment, Statutory Target (%)	35%	35%	35%	35%
Planned Investment, Electricity Programs	\$203,238,454	\$208,262,169	\$210,676,046	\$212,415,856
Planned Investment, Natural Gas Programs	\$86,765,558	\$86,646,072	\$87,847,272	\$88,888,955

Table ES-5 presents the total first-year energy savings and corresponding investment levels over the four Plan years.

EXECUTIVE SUMMARY

Table ES-5. Summary of Portfolio Planned First-Year Annual Savings and Total Investments, 2026-2029

Program	Annual Electric Savings (MWh)	Annual Demand Reduction (MW)	Program Investment, Electric	UCT Results, Electric	Annual Natural Gas Savings (Mcf)	Program Investment, Natural Gas	UCT Results, Natural Gas	Total EWR Program Investment	UCT Results, Total Program
Residential Programs									
Appliance Recycling	78,066	10.3	\$32,814,580	1.22	-	-	-	\$32,814,580	1.22
Assessments and Behavioral	91,826	0.4	\$15,211,075	0.58	1,389,969	\$22,747,521	1.58	\$37,958,596	1.18
Contractor Rebates	18,174	6.7	\$15,393,534	1.98	1,315,120	\$41,732,873	3.06	\$57,126,407	2.77
Market-Rate Multifamily	19,416	1.8	\$6,256,822	1.97	264,649	\$4,236,614	2.42	\$10,493,436	2.15
Retail Rebates	26,841	4.0	\$8,437,762	1.94	331,625	\$11,880,120	1.43	\$20,317,882	1.64
Residential Pilot Programs	20,014	1.5	\$11,421,173	1.39	324,858	\$10,319,236	2.37	\$21,740,410	1.88
Subtotal, Residential	254,337	24.7	\$89,534,947	1.39	3,626,222	\$90,916,364	2.37	\$180,451,311	1.88
Low- and Moderate-Income Programs									
Income-Qualified Single Family	164,274	6.5	\$75,605,980	1.51	3,027,250	\$91,246,336	3.36	\$166,852,316	2.54
Income-Qualified Multifamily	72,590	4.9	\$69,278,470	0.66	271,799	\$34,559,217	0.69	\$103,837,688	0.67
Think! Energy	23,199	1.8	\$4,258,072	3.23	332,938	\$3,828,230	5.39	\$8,086,302	4.25
Subtotal, Low- and Moderate-Income	260,063	13.3	\$149,142,522	1.16	3,631,987	\$129,633,783	2.69	\$278,776,306	1.88
Business Programs									
Custom Solutions	403,768	18.9	\$42,945,401	6.21	1,450,612	\$19,510,572	6.43	\$62,455,973	6.28
Midstream	205,512	36.1	\$31,701,147	6.56	99,101	\$4,317,055	1.60	\$36,018,203	5.97
Prescriptive Solutions	1,158,901	166.6	\$249,841,955	3.61	2,433,733	\$48,417,322	4.31	\$298,259,278	3.73
Small Business	203,897	11.5	\$70,363,482	1.54	452,273	\$10,220,523	2.40	\$80,584,006	1.65
Business Pilot Programs	79,847	9.4	\$20,002,998	3.85	207,867	\$4,797,984	4.49	\$24,800,982	3.96
Subtotal, Business	2,051,926	242.5	\$414,854,985	3.85	4,643,586	\$87,263,457	4.49	\$502,118,441	3.96
Support Services									
Utility Oversight			\$107,644,723			\$22,047,714		\$129,692,437	
Data Tracking			\$20,834,462			\$4,267,300		\$25,101,762	
Education and Awareness	79,327	8.7	\$24,961,815	2.53	367,972	\$10,442,311	2.82	\$35,404,125	2.60
EM&V			\$27,619,072			\$5,576,928		\$33,196,000	
Subtotal, Support Services	79,327	8.7	\$181,060,072		367,972	\$42,334,252		\$223,394,324	
EWR Portfolio Total	2,645,653	289.1	\$834,592,526	2.53	12,269,767	\$350,147,857	2.82	\$1,184,740,382	2.60

Note: The Market-Rate Multifamily program is in the Residential portfolio; however, measures installed in common areas on a commercial billing rate contribute savings to the business portfolio.

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Table ES-6 shows the lifetime cost of conserved energy per megawatt-hour or Mcf and average measure life per program. As shown, the cost of lifetime electric savings in the 2026-2029 EWR Plan is expected to be \$0.017/kWh with an average measure life of 12.4 years, and the total cost of lifetime natural gas savings for the Plan is expected to be \$1.718/Mcf with an average measure life of 12.2 years.

Table ES-6. Summary of Total Portfolio Cost of Conserved Energy, 2026-2029

Program	Lifetime Cost of Conserved Energy		Average Measure Life	
	\$/kWh	\$/Mcf	Electric	Natural Gas
Residential Programs				
Appliance Recycling	\$0.055	\$0.000	7.8	-
Assessments and Behavioral	\$0.091	\$3.935	1.8	4.2
Contractor Rebates	\$0.046	\$1.890	18.4	16.8
Market-Rate Multifamily ¹	\$0.032	\$2.538	10.2	6.3
Retail Rebates	\$0.037	\$4.283	8.5	8.4
Residential Pilot Programs	\$0.051	\$2.495	6.5	9.8
Subtotal, Residential Programs	\$0.051	\$2.495	6.5	9.8
Low- and Moderate-Income Programs				
Income-Qualified Single-Family	\$0.032	\$1.740	14.2	17.1
Income-Qualified Multifamily	\$0.085	\$8.169	11.5	15.9
Think! Energy	\$0.018	\$1.123	10.4	10.2
Subtotal, Low- and Moderate-Income	\$0.044	\$2.171	13.1	16.3
Business Programs				
Prescriptive Solutions	\$0.017	\$1.359	13.0	14.6
Custom Solutions	\$0.008	\$0.914	13.0	14.7
Midstream	\$0.010	\$3.737	15.2	11.7
Small Business	\$0.032	\$2.516	11.5	8.3
Business Pilot Programs	\$0.015	\$1.310	13.1	14.0
Subtotal, Business Programs	\$0.015	\$1.310	13.1	14.0
EWR Portfolio Total	\$0.017	\$1.718	12.4	12.2

¹ The Market-Rate Multifamily program is in the Residential portfolio; however, measures installed in common areas on a commercial billing rate contribute savings to the Business portfolio.

Schedule and Plan Changes

Consumers Energy is prepared to implement this Plan on January 1, 2026, providing uninterrupted services to its customers. All the programs described in this Plan are currently in place and operational. While some programs reflect changes in how they are presented, the Company expects to continue providing incentives for all available measures and giving customers access to the same benefits they have received from Consumers Energy programs in the past.

In the 2026-2029 EWR Plan, Consumers Energy proposes modest changes to its program portfolio, with the most significant modifications to occur in the low-income sector. As part of its commitment to supporting affordability and reducing waste, the Company expects to ramp up spending and expand efforts to reach more customers on

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the economic margins with energy waste reduction solutions that help them manage costs and improve their housing conditions. As a reflection of this commitment, the 2026-2029 EWR Plan includes a specific Low- and Moderate-Income program portfolio. Updates in this Plan compared to Consumers Energy's 2024-2025 EWR Plan include the following:

- The New Home Construction offering will be folded into the Contractor Rebates program and add a new delivery pathway focused on manufactured homes.
- Consumers Energy will expand its definition of income-qualified customers who can access a comprehensive suite of services through the new Low- and Moderate-Income portfolio. Specifically, the Company will add a moderate-income eligibility tier, expanding program eligibility to customers at 301% to 400% of the Federal Poverty Level, and provide enhanced incentives for qualifying customers.
- Through the Market-Rate Income-Qualified initiative, the Company proactively identifies eligible customers engaging with market-rate offerings and connects them to enhanced income-qualified services. Regardless of how customers enter the program, Consumers Energy ensures they are informed about and have access to the full suite of offerings available through the Low- and Moderate-Income portfolio.
- Business Income-Qualified: The Company is exploring ways to extend income-qualified offerings, including health and safety upgrades, to small businesses, nonprofits, and community organizations. These entities often serve vulnerable populations and operate in facilities that could benefit significantly from EWR upgrades.
- The Company will leverage its Low-Income Needs Assessment (LINA) geographic mapping initiative to identify, market to, and track customers in Michigan's Environmental Justice 40 initiative (EJ40) areas, as these customers meet the income eligibility criteria. Regardless of their program entry point, Consumers Energy will educate these customers on opportunities to participate in its income-qualified programs.
- The legacy Think! Energy program will expand on its ongoing focus to deliver services in low- and moderate-income communities, with 100% of program activities occurring in MiEJ40 geographical areas.
- Consumers Energy is evaluating options to relaunch the Small Business programs with a focus on a more streamlined customer journey and efficient management and administrative process.
- The Business Midstream program will be offered as a stand-alone program, rather than a component of the Prescriptive program.
- Due to declining savings and increasing acquisition cost of saved energy, Consumers Energy will sunset the Lighting Buydown component of its Small Business program in 2026.

Consumers Energy continuously reviews its program designs, measure offerings, and customer participation levels to ensure that its programs remain consistent with best practices and continue to meet customer demand. Based on its experience with EWR since the portfolio launch in July 2009, Consumers Energy anticipates that portions of the Plan will require revision over time to reflect better information and changing market conditions and reserves the right to exercise flexibility regarding mid-Plan program modifications and budget reallocations in response to market trends and demand. Having this flexibility is critical to ensuring that Consumers Energy can maintain program continuity and ongoing EWR support for its customers. Consumers Energy will update the MPSC regarding any significant revisions to this Plan.

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Plan Organization

This comprehensive Plan presents detailed information on Consumers Energy's proposed approach to energy waste reduction (EWR). Consumers Energy's 2026-2029 EWR Plan is divided into several sections:

- *Section 1: Plan Overview:* Provides an overview the Company's Plan goals and objectives and a summary of the programs that comprise the Plan.
- *Section 2: Portfolio Management:* Presents an overview of Consumers Energy's approach to delivering its EWR programs, including its approaches for conducting education and awareness, administering the programs through a combination of in-house staff resources and third-party implementation contractors, and providing program tracking and reporting and third-party evaluation, measurement, and verification (EM&V). Additionally, this section includes a brief description of Consumers Energy's efforts to coordinate with other entities, MPSC work groups, and state and federal initiatives.
- *Section 3: Summary of EWR Benefits and Costs:* Details the summary results of the annual electricity and natural gas savings projections, investment allocations, and benefit-cost results.
- *Section 4: Residential Portfolio:* Presents detailed program plans for Consumers Energy's proposed residential programs.
- *Section 5: Low- and Moderate-Income Portfolio:* Presents detailed program plans for Consumers Energy's proposed income-qualified programs.
- *Section 6: Business Portfolio:* Presents detailed program plans for Consumers Energy's proposed business programs.
- *Section 7: Pilot Programs:* Summarizes Consumers Energy's proposed pilot programs.
- *Appendix A:* Includes a table of detailed program measures, incentive levels, participation estimates, and savings forecasts.

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1. Plan Overview

Since 2009, Consumers Energy has been implementing a diverse portfolio of EWR programs that have achieved energy savings for all major sectors and customer classes, including small businesses and low-income customers. The Company proposes to continue offering a portfolio of proven programs with demonstrated market interest and acceptance.

In 2019, Consumers Energy began a transformative journey with the approval of its first integrated resource plan (IRP), known as the Clean Energy Plan. In June 2022, the MPSC approved the Company's current IRP that relies on demand-side management (DSM) and renewable energy sources to meet an increasing portion of its energy goals. Consumers Energy also developed and annually updates its Natural Gas Delivery Plan, which maps the Company's vision to deliver safe, reliable, affordable, and increasingly clean energy to natural gas customers. EWR is a cornerstone of the IRP and a critical mechanism for customers to save money and protect the environment. EWR impacts and benefits are also a key component of the Company's natural gas strategy, as described in the Natural Gas Delivery Plan. In line with both the IRP and Natural Gas Delivery Plan, the Company is committed to exceeding its statutory energy-savings goals, targeting an average of 2% electric and 1% incremental natural gas savings over the course of the 2026-2029 EWR Plan.

1.1. Plan Development Process

In developing this 2026-2029 EWR Plan, Consumers Energy looked for ways to meet its electric and natural gas savings goals by building on the success of its existing EWR programs, refining them to optimize customer participation, and accounting for updated equipment standards and savings values.

Consumers Energy built the Plan portfolio by compiling potential electric and natural gas measures into a comprehensive list and applying energy savings sourced from the Michigan Energy Measures Database (MEMD), a database of EWR measures and deemed savings values developed in

EWR Accomplishments

More than just an energy supply company, Consumers Energy remains a vital part of the state's economic, social, and environmental fabric and committed to the customers and communities it serves. Since 2009, the Company has achieved many goals:

- Being a leading supplier of renewable and clean energy in Michigan, Consumers Energy intends to serve 60% of customers' energy with renewable energy by 2035 and 100% with clean energy by 2040.
- Achieving the state's renewable energy standard one year ahead of schedule and below early cost estimates.
- Helping customers save more than \$7.3 billion in energy costs since 2009 through EWR programs.
- Saving over 6 million MWh since 2009 with a path to saving over 9 million MWh by 2040.
- Adding over \$5.8 billion in net economic growth to the Michigan economy.
- Helping approximately 200,000 low-income customers make their homes more energy efficient and affordable.
- Preventing over 31 million tons of carbon dioxide

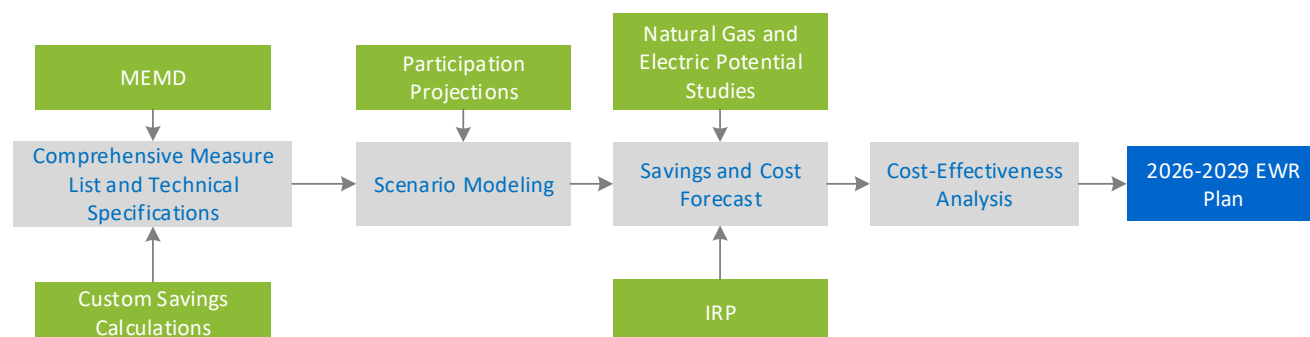
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conjunction with MPSC staff and other stakeholders for the Michigan market. For each measure considered in the Plan, Consumers Energy compiled MEMD data on technical specifications, weather-normalized end-use energy savings and peak demand impacts, and costs. For programs using more holistic strategies, such as Custom Solutions and the Home Energy Report component of the Assessments and Behavioral program, Consumers Energy made unit savings assumptions based on custom savings analyses that included a review of historical data.

Next, Consumers Energy consolidated measures into the new program structures outlined in this Plan and used historical program data and input from its implementation contractors to estimate program participation. Consumers Energy used this consolidated data to model various Plan savings scenarios and screen measures based on their utility cost test (UCT) results and arrived at a four-year savings forecast. Consumers Energy also aligned its savings and cost forecasts with current research and other planning efforts, particularly aligning its natural gas and electric potential studies and IRP with its EWR goals over this planning period.

In May, June, and July 2025, Consumers Energy convened a three-part meeting series with stakeholders to gather feedback to help inform the development of the 2026-2029 EWR Plan. Finally, Consumers Energy analyzed the cost-effectiveness of each program and the overall portfolio. Figure 1-1 illustrates the process the Company used to derive the programs outlined in the 2026-2029 EWR Plan. Inputs to and considerations that informed the Plan are shown in green, while planning steps are shown in gray.

Figure 1-1. Portfolio Planning Process



The resulting Plan builds on past success, but acknowledges and accounts for a changing market, new opportunities, increased savings goals, and the Company’s commitment to a triple bottom line of people, planet, and prosperity.

1.2. Goals and Objectives

Consumers Energy has several goals and objectives for the 2026-2029 EWR Plan:

- Exceed statutory savings targets and meet the increased resource acquisition goals tied to Company IRP commitments. Continue to support long-term market transformation.
- Contribute to the Company’s Clean Energy Plan goals to end coal use for electricity generation by 2025, reduce carbon emissions by more than 63 million tons, and meet customer needs with 100% clean energy resources (including renewable energy and EWR) by 2040.

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- Offer a diverse, cost-effective portfolio of programs that provide participation opportunities for all customers.
- Foster equity and increased EWR participation opportunities for low- and moderate-income and hard-to-reach populations through several actions:
 - Increasing the Plan’s emphasis and overall proportion of Plan investment to support vulnerable customers, including those who fall into a moderate-income bracket and those who reside in or operate small businesses in environmental justice communities.
 - Continuing investment in the Company’s Health and Safety initiative as a component of the Income-Qualified Single-Family and Income-Qualified Multifamily programs, alongside the expanded Flint Initiative and Geotargeting efforts. These focused initiatives are all administered through the Company’s income-qualified programs.
 - Continuing to work with EWR collaboratives and work groups, such as the MPSC Energy Affordability and Accessibility Collaborative and EWR Low-Income Workgroup, to increase EWR opportunities among diverse communities.
 - Supporting coordinated efforts to expand weatherization program access and direct customers who need energy assistance to EWR offerings that provide a holistic approach focused on reducing their energy burden.
 - Coordinating with Michigan Saves and other Michigan organizations on a collaborative approach to implementing the Federal Inflation Reduction Act and other available state and federal funding initiatives to provide seamless services and support to income-qualified customers.
- Realize opportunities to expand EWR through coordination with other providers of EWR services, such as DTE Energy and Michigan Saves.
- Provide programs that create customer value and engender customer satisfaction.
- Facilitate the adoption of next-generation technologies and EWR services through its pilot programs.
- Work to increase supplier diversity and diverse supplier spending through engagement, training, and collaboration with EWR equipment dealers, contractors and trade allies, nongovernmental organizations, industry groups, and other program partners.
- Inform and educate customers to use energy more efficiently, using easy-to-access support and messaging that emphasizes comprehensive and deep energy savings.
- Collaborate with the MPSC; the Department of Environment, Great Lakes, and Energy (EGLE); and other state and community partners to support the development of programs that deploy Infrastructure Investment and Jobs Act (IIJA) and Inflation Reduction Act (IRA) funds in ways that complement utility EWR programs and benefit all Michigan customers.
- Fulfill the legislative requirements set forth in Public Act 295 of 2008, as amended.

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1.3. Plan Composition

The Plan offers a comprehensive set of programs and initiatives for acquiring energy-efficiency resources during the four-year Plan period. It continues, refines, and expands upon the successful energy-efficiency programs Consumers Energy has offered for more than a decade. The Plan consists of eight residential and four commercial EWR programs, as outlined in Table 1-1.

Table 1-1. 2026-2029 Program Summary

Program Name	Markets Served	Program Offerings
Residential EWR Portfolio		
Appliance Recycling	All electric customers	<ul style="list-style-type: none"> Incentive and environmentally responsible, free pick up of older, inefficient refrigerators, freezers, and small appliances
Assessments and Behavioral	All residential customers	<ul style="list-style-type: none"> In-home or online home assessment, installation of free energy-saving measures, and customized post-assessment report with energy-saving tips and recommendations tailored to the customer’s fuel type (dual fuel, natural gas-only, or electric-only) Personalized household reports, sent by mail and/or email, with individual energy usage tips and program recommendations
Contractor Rebates	Residential customers in existing single-family homes; builders and property owners in new construction single-family and manufactured homes	<ul style="list-style-type: none"> Comprehensive home assessments, including diagnostic testing and visual inspection performed by a Building Performance Institute (BPI)–certified contractor, with a comprehensive final report that uses energy modeling to provide energy-savings estimates, upgrade costs, and payback associated with recommended improvements Prescriptive midstream and downstream rebates for the purchase and installation of high-efficiency heating, cooling, and hot water equipment Prescriptive downstream rebates for qualified energy-saving windows and home insulation Incentives for builders who construct new homes to ENERGY STAR® standards or achieve a minimum Home Energy Rating System (HERS) rating Builder training on high-performance building practices and how to promote the value of energy-efficient homes Support to HVAC and insulation contractors, including training, educational materials, account management representation, and marketing collateral Web-based Find-a-Contractor tool
Market-Rate Multifamily	Residential and commercial multifamily property owners	<ul style="list-style-type: none"> On-site assessments and direct, no-cost installation of energy-saving devices in multifamily living units and common areas Educational materials explaining the program’s energy- and money-saving benefits Prescriptive and custom incentives for property owners to install energy-saving equipment in individual units and common areas
Retail Rebates	All residential customers	<ul style="list-style-type: none"> Instant rebates for customers who purchase qualifying products through Consumers Energy’s online store Prescriptive downstream rebates for customers who purchase qualifying ENERGY STAR–certified appliances through a Consumers Energy retail partner
Low- and Moderate-Income EWR Portfolio		
Income-Qualified Single-Family	Residential low-income customers in single-family homes	<ul style="list-style-type: none"> Free walk-through or virtual home inspection/assessment with direct install measures or mailed energy waste reduction kits tailored to the customer’s fuel type (dual fuel, natural gas-only, or electric-only)

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Program Name	Markets Served	Program Offerings
		<ul style="list-style-type: none"> Home weatherization assistance, installation of energy-efficient measures, and education about how to conserve energy and manage utility costs Home repairs and installation of health and safety measures that prepare homes for energy waste reduction retrofits Collaboration with community partners to provide maximum and coordinated benefits to income-qualified customers
Income-Qualified Multifamily	Residential low-income customers in multifamily housing	<ul style="list-style-type: none"> On-site assessments and direct, no-cost installation of energy-saving devices in individual resident units and common areas Educational materials explaining the program’s energy- and money-saving benefits Home repairs and installation of health and safety measures that prepare homes for energy waste reduction retrofits Prescriptive and custom incentives (offered at a higher rate than those in the Market-Rate Multifamily program) for property owners to install energy-saving equipment in individual units and common areas
Think! Energy	Early elementary to high school students and community groups	<ul style="list-style-type: none"> In-person or virtual EWR presentations and educational content for teachers and community groups Free energy-saving take-home kit including low-cost energy-efficiency measures and educational content
Business EWR Portfolio		
Custom Solutions	Large business customers	<ul style="list-style-type: none"> Analysis, performance-based incentives, and technical assistance for large commercial and industrial customers who install high-efficiency equipment or process improvements not covered through the Prescriptive program Incentives for builders who construct new commercial buildings that qualify for Leadership in Energy and Environmental Design (LEED) certification Industrial and strategic energy management, support including technical assistance, building assessments, project identification, implementation and management support, and other tools
Midstream	All business customers	<ul style="list-style-type: none"> Prescriptive midstream rebates on high-efficiency electric and natural gas equipment
Prescriptive Solutions	Large business customers	<ul style="list-style-type: none"> Prescriptive downstream rebates on high-efficiency electric and natural gas equipment Customized assistance to help customers achieve their energy savings goals
Small Business	Small- and medium-sized business (SMB) customers	<ul style="list-style-type: none"> On-site energy assessments with limited direct installation measures and a report on the measures installed, product recommendations, and tips on how to save more energy Direct installation of common energy waste reduction measures by participating trade allies

1.4. Portfolio Risks and Risk Management Strategies

Consumers Energy presents its 2026-2029 EWR Plan at a time of considerable uncertainty and market disruption. Like many utilities in the region and across the country, Consumers Energy faces continuing threats to the design, efficacy, and cost-effectiveness of its EWR programs. Changing baselines, increasing saturation of efficient technologies, and advances in federal standards have eroded the electric savings potential. Additional

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factors, such as uncertain economic conditions, customer awareness barriers, and the changing legislative and regulatory landscape, create uncertainty for the Company's EWR programs and Clean Energy Plan goals.

As a grounded planning effort, the portfolio is strategically designed to anticipate and accommodate the range of potential risks and facilitate program success. Yet, even with the best planning, the Company recognizes that it cannot foresee or completely mitigate every possible challenge.

1.4.1. Portfolio Risks

This section outlines several potential risks to Consumers Energy's EWR portfolio and goal achievement.

Declining Potential

This EWR Plan is designed to capture significant and increasing energy savings while recognizing that the known potential is forecast to decline. As part of the EWR portfolio planning process, Consumers Energy commissioned an EWR potential study to assess achievable electric energy efficiency potential across all sectors in its territory. The study provided a 20-year projection of baseline electricity consumption, accounting for anticipated changes in demographics, technology adoption, federal and state energy efficiency standards, and other forecast drivers, and estimated the energy savings potential from a broad portfolio of efficiency measures.

Compared to the previous potential study, overall cumulative achievable potential has decreased by approximately 1,040 GWh, or 18%. This decline is primarily due to updated federal standards—specifically, the 2023 Energy Independence and Security Act (EISA) lighting standard and the upcoming 2029 heat pump water heater standard—as well as widespread market transformation in lighting, where LED adoption has significantly advanced even in the baseline scenario. Furthermore, approximately 73% of the technical potential passed economic cost-effectiveness thresholds in the 2025 EWR potential study, while 98% of the total technical potential in the 2021 EWR study passed into economic potential. Additionally, residential appliance recycling was also found to have significantly less potential than in the prior study, where refrigerator and freezer recycling measures made up almost 40% of residential savings.

While these measures remain cost-effective, the current analysis finds that the remaining market is insufficient to support the 632 GWh of cumulative savings previously identified, and equivalent to approximately 40% of the baseline load for these technologies. Although the current potential study identifies increased savings in consumer electronics and commercial refrigeration retrofits, these gains are not sufficient to offset the reductions driven by measure-level adjustments and updated federal standards.

The maturity of Consumers Energy's programs and resulting higher market saturation, the declining savings potential from certain key energy savings measures (e.g., lighting, appliance recycling, and HVAC), and an uncertain future market all impact the Company's objectives. As the acquisition cost of conserved energy increases, Consumers Energy must be creative in designing its portfolio to maintain consistent energy savings. Doing so requires the Company to reassess its services, limit deployment of measures with limited net benefits for customers and the Company, and continue to explore new technologies, new delivery strategies, and new customer engagement approaches that improve implementation efficiency and reduce acquisition costs.

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Changing Baselines

The state of Michigan maintains a database of characteristics, costs, and savings values for most of the EWR measures included in Consumers Energy's programs. Through an annual maintenance process, the savings associated with existing measures in the MEMD may be modified to reflect new evaluation research, updated equipment standards, and adjusted assumptions. As the market matures, older equipment is replaced and equipment assumptions are updated to reflect this evolution; therefore, measure baselines tend to increase, and savings values tend to decline. Although measures are added to the MEMD each year, the adoption of new market-ready and cost-effective technologies with substantive savings potential has slowed. It is impossible for Consumers Energy to anticipate how MEMD updates may impact its portfolio; even small reductions in the per-unit savings of popular measures can have a substantial impact on a program's annual performance.

Additionally, ongoing changes to national equipment standards have a direct impact on savings potential and significant implications for the Company's ability to achieve its goals. Lighting is the most notable end use affected by changing federal standards in recent years, but other measures, such as HVAC and refrigeration, have seen updated federal standards that tend to increase baseline efficiency levels and reduce per-unit savings.

Finally, as electric loads in Michigan and across the U.S. continue to grow due to broad adoption of newer technologies and infrastructure, specifically electric vehicles (EVs) and data centers, the baseline sales forecast, from which Michigan electric energy waste reduction targets are derived, has increased significantly and is projected to grow nearly twentyfold by 2030. To date, there are no cost-effective energy efficiency measures associated with EVs and only minimal savings opportunities associated with EV chargers. Likewise, most modern data centers already operate near optimal energy performance, leaving limited opportunities for incremental improvements via utility incentive programs. Because these newer load centers offer very limited opportunities for, and have historically been unresponsive to, energy waste reduction, they inflate the denominator from which EWR targets are calculated without providing a corresponding increase in cost-effective, achievable energy savings potential, thereby increasing the challenge of achieving EWR statutory targets.

Economic Disruption and Uncertainty

Economic conditions over the past several years have brought unforeseen challenges impacting utilities' ability to consistently deliver energy efficiency and demand response programs to customers. Factors such as inflation, the threat of tariffs, labor shortages, and supply chain disruptions raise the overall cost of goods and services and impact consumer confidence and their decisions regarding investment in high-efficiency equipment. Higher costs due to inflation and tariffs make energy-efficient technologies and services less accessible to price-sensitive buyers. Labor shortages and supply chain constraints often lead to project delays, while also driving up labor costs, which are passed on to consumers. Together, these economic pressures can create financial and logistical barriers that delay or prevent consumers from upgrading to high-efficiency technologies, despite the long-term cost savings and other benefits they provide.

These cumulative near-term economic impacts affect both the Company's costs and its customers' ability to invest in energy efficiency, while the longer-term impacts are still evolving, and their potential effect on Consumers Energy's ability to achieve its goals is unknown. A large and growing population of Michigan

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residents is categorized as working poor, or ALICE (asset limited, income constrained, and employed), and their energy burden has grown. These customers' incomes are not sufficient to invest in high-efficiency equipment replacements, and they do not qualify for low-income services under the historical definition.

At the same time, new funding provided through the 2021 IRA and IIJA (also known as the Bipartisan Infrastructure Law) could boost program participation, help decarbonize energy systems, increase skilled workforce resources, and reduce the energy burden for lower-income Americans. Although the U.S. Department of Energy has indicated that these funds may be braided with utility program incentives, at the time of this filing, federal and state governments are still in the process of identifying how and when these programs will be rolled out and how they will intersect with utility and community programs. While the Company is anticipating collaboration opportunities to support IRA and IIJA utilization, much is still unknown regarding details of both the Company's EWR program opportunities and risks associated with IIJA and IRA implementation.

Changing Customer Expectations

In nearly every industry, customer choice, personalized services, and competitive pricing have become the norm. Customers increasingly demand that their service providers offer a variety of simple, low-cost options from which to customize their engagement. Relatedly, the demands on consumers' attention have increased, and information sources have become more varied as the range of digital, social, and other non-traditional media platforms has grown. Simply put, reaching customers has become difficult and costly, and consumer awareness of utility programs has declined. To keep pace, the utility industry must continue to invest in technologies and systems that support broad outreach and awareness investment, customized engagement, a personalized experience, and, increasingly, a total digital solution. While Consumers Energy has invested in data analytics, online engagement, and other resources to enable targeted, personalized interactions with customers, the number of available platforms and the costs to maintain these capabilities have grown significantly.

Legislative and Regulatory Challenges

As legislative priorities evolve to encompass broader environmental and decarbonization goals, regulatory policy considerations across the country have begun to impact energy-efficiency models and rules. At the same time (as noted above), utilities with mature energy-efficiency programs are experiencing high levels of market saturation and declining efficiency potential; many are looking for new ways to generate savings and account for broader non-energy benefits that better align with legislative goals. This plan is the first full plan submitted under Public Act 229 of 2023 (PA 229), which amended Act 295 and creates both opportunities and challenges for Michigan utilities. PA 229, among other things, requires utilities to:

- Achieve increased savings as a percentage of the previous year's sales of 1.5% for electric and 0.875% for natural gas (previous standards were 1.0% and 0.75%, respectively)
- Meet minimum requirements for the percentage of portfolio spending dedicated to assisting customers who are income-qualified to achieve energy savings and implement health and safety upgrades
- Maintain a minimum average measure life of eight years for electric and 10 years for natural gas
- Invest in developing and hiring a diverse EWR workforce to deliver EWR upgrades to customers

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PA 229 also:

- Expands the definition of income-qualified customers to include customers with household incomes up to 250% of the federal poverty level (FPL) and/or 80% of adjusted median income
- Allows utilities to develop and submit an Efficient Electrification Plan that provides health and safety benefits and/or reduces energy consumption, greenhouse gas emissions, and average energy costs of participating customers; utilities can recover the costs of implementing an approved plan but reductions in energy consumption achieved would not count toward EWR goals
- Provides new opportunities for utilities to earn incentives for meeting increased savings or performance thresholds

The Company is assessing these new opportunities but sees a long path to an efficient electrification future, while the costs of many applicable technologies remain high and the availability of skilled contractors is constrained. While the provision to expand income-qualified customer eligibility helps the Company serve more customers in need, many households with incomes just over the new eligibility levels struggle to pay their energy bills and are unable to invest in efficient technologies, exceed the new income limits. While Consumers Energy recognizes the importance of investing in measures that reduce space, water, or process heating loads, it is important for programs to meet customers where they are—if a customer chooses to replace a gas appliance or equipment with a standard efficiency unit, the opportunity to capture that savings opportunity is lost until they replace that equipment again.

In adopting a 2% electric savings goal, Consumers Energy is among a small group of utilities in the U.S. with this goal that recognizes the environmental imperative of addressing climate change and the critical role of energy efficiency. Its EWR goals are one way the Company is taking action to contribute to Governor Whitmer's Healthy Climate Plan and its own corporate philosophy of protecting people, planet, and prosperity. The new legislation makes some strides but still limits fuel switching. Consumers Energy has adopted a societal discount rate for this plan, as specified in the legislation, which recognizes some, but not all, of the non-energy benefits associated with EWR. Other MPSC policies and practices, including caps on behavioral program savings and the high bar faced to get new measures into the MEMD, could eventually hinder Consumers Energy's ability to achieve its aggressive goals or invest in research on new technologies and program delivery approaches.

1.4.2. Risk Management Strategies

Consumers Energy's EWR Plan for 2026 through 2029 reflects a concerted commitment to walk its talk, from adopting aggressive energy-savings goals to significantly increasing its commitment to serving income-qualified customers. The Company's proven programs, new initiatives, and research and development efforts are designed to help mitigate the range of risks to its EWR portfolio, manage resource acquisition costs, optimize its portfolio, and deliver programs more efficiently, while continuing to meet customers' needs. Consumers Energy is committed to taking several actions:

- Accelerating midstream and online program deployment strategies as appropriate to help manage costs and foster market transformation.

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- Introducing alternative ways for customers to engage with programs using virtual and online tools and self-service approaches.
- Increasing emphasis on providing deep building and home retrofits by targeting customers and measures that offer the best savings opportunities, and by focusing on comprehensive measure packages that increase savings per customer interaction.
- Proposing new MEMD measures that can be added to the EWR Portfolio and exploring new opportunities to capture cost-effective savings and transform the Michigan market through pilot programs and research and development initiatives.
- Investing in new ways to target, reach, and recruit customers to participate in EWR, including investments in market research and advanced data analytics capabilities, relationship building, and project sales.
- Recognizing the importance of equity and diversity in how programs are designed, marketed, and delivered, as well as implementing new strategies to increase outreach to and recruitment of diverse community members.
- Substantially increasing Consumers Energy's investment in traditionally underserved populations in Michigan, including low-income communities and customers residing in multifamily housing.
- Carefully reviewing the potential cost implications of electrification with customers to facilitate informed decision-making.
- Investing in workforce development initiatives to increase the capacity of skilled EWR contractors.
- Conducting targeted outreach and expanding income-qualified eligibility to residential and small business customers in zip codes aligned with EJ40 communities.
- Developing new initiatives to reach moderate-income customers, small businesses in low-to-moderate income communities, and organizations that serve income-qualified customers.
- Collaborating with Michigan Saves, the Michigan Department of EGLE, and other Michigan organizations to align program delivery and enable braiding of funds when customers install measures that qualify for IRA and IIJA incentives.
- Prioritizing the reduction of heating load in gas-saving measures offered over time.
- Increasing incentive levels for the most cost-effective measures to increase participation.
- Adopting a savings target based on removing EV and data center load from baseline energy sales.

Given the challenges and uncertainties, Consumers Energy acknowledges that it will be difficult to capture sustained, cost-effective savings and that it may not be possible to mitigate every market disruption outlined above or to anticipate other disruptions that may arise. As the energy landscape evolves, utilities across the country are grappling with the implications for their EWR programs and determining how to best manage their regulatory obligations while continuing to provide comprehensive and reliable energy and EWR services to customers. Over the next few years, as these market trends continue to evolve, utilities will likely face increasing challenges to achieving cost-effective energy savings and may need to look for new ways to assign benefits, such as by using a more comprehensive set of non-energy benefits, changing the allocation of costs, or both. Furthermore, as alternative sustainability programs focused on renewable energy and electrification continue to

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mature and expand, utilities are beginning to explore how to best offer a comprehensive portfolio of sustainability products to their customers and how such programs may intersect in the regulatory sphere.

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2. Portfolio Management

Consumers Energy has over a decade of successful program management and implementation experience and will use its accumulated knowledge and experience, lessons learned, and industry relationships to deliver programs that are effectively managed by its EWR staff and implementers.

2.1. Education and Awareness

Educating customers to increase their general awareness of EWR benefits and strategies is vital to increasing customer participation in energy efficiency. Training trade allies and new industry entrants on best practices and encouraging them to participate in Consumers Energy programs is critical to maintaining the skilled labor force required for the successful delivery of the Company's EWR portfolio. Consumers Energy's general education and awareness activities permeate its programs, customer touch points, and communications, and these generally fall into three categories to address these needs: general energy awareness education for customers, trade ally best practice training and education, and workforce development.

General Energy Awareness Education for Customers

General energy awareness entails providing non-program-specific information, resources, and outreach to customers focused on increasing their knowledge of the following: (1) the benefits of EWR and energy-efficient technologies, such as saving energy costs, improving comfort and air quality, increasing equipment durability and property values, contributing to local economic development, increasing employee productivity, and reducing the emissions of greenhouse gases and other pollutants; (2) ways to save energy through behavioral changes and by installing energy-efficiency technologies; and (3) specific approaches to saving energy in homes and businesses. Consumers Energy offers several types of general awareness information, resources, and learning opportunities to communicate EWR messaging to customers:

- Educational materials distributed during or after program engagement, such as leave-behind materials and customized assessment reports, that promote EWR and provide tips to help customers save energy.
- One-on-one education delivered by program implementation and trade ally partners during energy assessments or other in-person touchpoints.
- Participation in events such as home and trade shows and community events.
- Advertising and promotions through Consumers Energy's website, social media, and mass-market general education to promote energy-efficiency awareness.
- Consumers Energy's website, which provides customers with several tools and information to help them better understand and act on EWR opportunities:
 - [Managing Your Energy Use](#) provides customers with EWR information, including tips on behavioral changes and equipment upgrades to help them manage energy use across a range of end uses.
 - The [Find-a-Contractor](#) tool helps Consumers Energy customers locate trade ally partners who provide a range of EWR services in their area.

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- The [Find-a-Retailer](#) tool helps customers identify local retailers through which they can obtain instant discounts on qualifying EWR products.
- Tools to help [small business customers analyze their energy use](#) and develop a personalized energy-savings plan, and to help [residential customers estimate their energy savings and rebates](#) when they upgrade their insulation and windows.
- [Education resources](#) for teachers, parents, students, Cub Scout and Girl Scout troops, and other community groups to increase their awareness of energy safety and the science of electricity and natural gas, sustainability, and other topics. Resources include lesson plans, homeschool materials, games, and tips to engage kids in science and technology and in learning about energy.
- Tips on ways to save energy for [homeowners](#), [renters](#), and [businesses](#).
- Guides to help customers plan and install [do-it-yourself](#) home weatherization projects.
- Customer trainings, generally targeting commercial property managers, facility engineers, and maintenance and operations personnel on technical topics, such as conducting efficient building operations, measuring and benchmarking energy performance, optimizing efficient equipment usage, improving indoor environmental quality, and practicing sustainable operations and maintenance.

Trade Ally Training and Education

Trade ally training and education are essential for maintaining the quality of Consumers Energy's programs and high customer satisfaction levels. Consumers Energy offers an online [Energy Efficiency Learning Center](#) for trade allies and conducts in-person and virtual training for a range of partners engaged in program delivery, including contractors, builders, energy assessors, HERS raters, distributors, and retailers. For programs that require a high degree of technical competency, Consumers Energy offers technical training, and in many cases requires participating trade allies to attend that training to maintain the required skills or certifications. Trade ally training generally covers several types of topics:

- General information and orientation on EWR programs, participation benefits, requirements, and rules, as well as engagement processes, qualifying measure options and incentives, and how to fill out program applications.
- Sales training on techniques trade allies can use to promote Consumers Energy's programs to their customers.
- Technical training in specialty areas for specific programs. This could involve classroom or field training and may include certification for some trade allies. Technical training for trade allies may include several topics:
 - Home energy assessment professionals are trained to use a whole-house, building science-based approach to properly diagnose a home for energy-efficient improvements.
 - BPI training and certification are required for trade allies who provide whole-home assessments through the Home Solutions program.
 - Builders receive training on ENERGY STAR standards and high-performance building practices.

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- HERS training and certification are required for HERS raters participating in the New Home Construction program.
- Builders and HERS raters will be offered training on new residential building codes that were adopted in late 2024 and will take effect in August 2025.
- All trade allies are offered training in new technologies and equipment, and proper installation techniques and requirements (including their applications and uses) and related quality assurance and quality control standards.
- Trade allies are offered comprehensive tune-up training on using advanced diagnostic tools to fully analyze heating and cooling equipment.

Workforce Development

Consumers Energy is committed to advancing a diverse and skilled energy waste reduction workforce. Although the standalone workforce development pilot has concluded, the Company is actively working to integrate its foundational elements into existing programs. These efforts are currently under development, with specific activities to be guided by market dynamics, programmatic priorities, and opportunities to leverage state and federal workforce initiatives. Consumers Energy is committed to continuing workforce development investments—approximately \$500,000 annually, or 0.25% of overall program spending – at a similar level to its historical spending.

This evolving approach allows Consumers Energy to remain responsive to changing workforce needs while continuing to support the delivery of energy waste reduction measures.

Workforce and contractor development efforts will prioritize individuals from low-income and environmental justice communities. By aligning workforce development with its income-qualified programs, Consumers Energy aims to cultivate a sustainable talent pipeline and contribute to the economic growth of underserved areas across its service territory.

2.2. Program Administration

A portfolio of this size and scope requires careful management. Consumers Energy staff provide administrative and operational oversight, including management, financial planning, budgeting, and several additional activities:

- Program leadership and management of the implementation contractors:
 - High-level guidance, oversight, and direction.
 - Review and revision of proposed annual implementation plans and proposed milestones.
 - Daily engagement with the contractor team when working through strategy and policy issues.
 - Guidance and direction on new initiatives or strategies proposed by the implementation contractors.
 - Communication to the implementation contractors on opportunities for targeted marketing, customer acquisition, and cross-program promotion.

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- Investment administration, including review and approval of implementation contractor invoices to ensure that programs are within budget and on schedule.
- Review of implementation contractor’s tracking and reporting practices to ensure the accuracy of Consumers Energy’s reported savings achievements.
- Review of measure characteristics and calculations of EWR product impacts.
- Progress monitoring to facilitate energy-saving goal achievement.
- Coordination of marketing strategy and public relations:
 - Customer EWR education.
 - Public education and outreach to community groups, trade allies, and trade associations.
 - Review and approval of printed materials and advertising plans.
 - Development and placement of marketing materials and advertising.
- Engagement with program evaluation and recommendations for improvement.
- Monitoring and assessment to ensure a high level of customer satisfaction.
- Periodic review of methods for program measurement, analysis, and design.
- Data warehousing.
- Quality assurance and quality control.
- Regulatory support, including program-related reconciliation efforts.

Costs associated with outside services needed throughout the year, such as for Plan filing benefit-cost tests, are included in administration costs.

Consumers Energy manages a diverse portfolio of programs through a combination of in-house utility staff and competitively selected third-party implementation contractors. Table 2-1 lists the current implementation contractors and the programs they administer.

Table 2-1. Implementation Contractors

Implementation Contractor	Customer Class	Program
CLEARresult	Residential	Appliance Recycling Assessments and Behavioral Income-Qualified Single-Family Retail Rebates (marketplace/online store component only)
	Business	Custom Solutions Prescriptive Solutions Midstream
DNV	Business	Small Business
Energy Science ¹	Business	Custom Solutions (provides services for the Compressed Air Find and Fix component)
Franklin Energy	Residential, Business (Multifamily common areas)	Income-Qualified Multifamily Market-Rate Multifamily

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Implementation Contractor	Customer Class	Program
ICF	Residential	Contractor Rebates Retail Rebates (Appliance Rebates only)
National Energy Foundation ¹	Residential	Think! Energy

¹ Diverse or nonprofit supplier

Implementation contractors work with program managers to ensure that programs run smoothly and achieve their energy-savings goals. The implementation contractors are responsible for handling several types of program implementation–related administrative requirements:

- Trade ally and retailer education
- Program-specific marketing and messaging support
- Field services
- Rebate processing
- Data tracking and reporting
- Investment tracking and reporting
- Contact with call center services
- Public relations management
- Quality assurance and quality control procedures
- Customer satisfaction and problem resolution

2.3. Tracking and Reporting

Consumers Energy uses a comprehensive tracking database and data management system to record all program participation data. Consumers Energy’s implementation contractors, trade allies, and/or participants use this system to record information on EWR program participation, such as property characteristics, baseline conditions, and installed measure details, and to upload application documents and reports. Measure characteristics within the system align with the MEMD and custom measure savings calculations. The energy-savings values contained within the tracking database are the basis for the annual energy-savings certification performed by third-party evaluation contractors.

Implementation contractors update the database, adding new measures and making modifications based on changes to the MEMD parameter values and measure mix, and based on emerging technologies, as well as other necessary updates. Third-party evaluation contractors conduct a rigorous quality review and approval process before updates are added to the tracking system. Consumers Energy, in consultation with its evaluation teams, conducts an annual review of the system that includes validating that the system correctly incorporates installation rate adjustment factors, net-to-gross factors, measure lives, and any other changes to the MEMD.

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In 2025, Consumers Energy began transitioning from its legacy EWR tracking database (eTracker) to Nucleus, a more comprehensive and dynamic system designed to streamline operations and enhance data tracking accuracy. Nucleus, an in-house built platform, provides faster access to data, more robust reporting, and a more consistent user experience across products.

The system consolidates multiple data sources into a centralized platform, reducing duplication and improving consistency. It enables real-time tracking and reporting through advanced analytics, while offering a streamlined, intuitive interface that simplifies data entry and retrieval. Nucleus also allows Implementation Contractors (ICs) to manage, review, and approve incentive applications on behalf of Consumers Energy.

Designed for scalability and flexibility, Nucleus supports future enhancements and integrations. It includes built-in audit trails and reporting features to track regulatory requirements such as performance incentive metrics, low-income portfolio investment, and average measure life at the program and portfolio level. Additionally, Nucleus can connect to other internal networks at Consumers Energy, which provides deeper customer insights, portfolio visibility, and allows daily data feeds from SAP (its internal enterprise resource planning system) to eliminate the need for manual batch reconciliation of customer and participant data. By adopting Nucleus, Consumers Energy is better equipped to deliver efficient, transparent, and equitable service across its operations.

2.4. Evaluation, Measurement, and Verification

EM&V is key for validating program impacts and measuring performance. Ongoing evaluation research ensures that program results are measurable, validated, and defensible, and that participation in programs is maximized, the portfolio is cost-effective, and customers are satisfied.

2.4.1. Third-Party Evaluation Contractors

All evaluation activities are conducted by nationally recognized third-party evaluation contractors. [TRC](#) is the lead evaluator for the Business portfolio, and [Cadmus](#) is the lead evaluator for the Residential portfolio. Each year, the evaluation contractors review, audit, and certify savings and include the results in an annual report provided to the MPSC. The evaluation contractors also assess performance metrics, such as customer satisfaction, awareness, and savings trends, that enable the programs to operate effectively and provide customer value.

Consumers Energy's evaluation contractors also participate in MPSC EWR collaborative efforts, including with the EWR Collaborative and its technical subcommittee, the EWR Low Income workgroup, and the Energy and Accessibility and Affordability Collaborative. These collaboratives provide effective forums to develop evaluation guidelines, calibrate measure savings and other parameter values, collectively resolve EM&V questions, annually review the MEMD to identify new measures that could be added and existing measures that may require updates, and to analyze proposed changes and validate the accuracy of savings estimates for the Michigan market. Further, to foster utility alignment and limit redundancies, the Company's evaluation contractors coordinate activities with DTE Energy and other Michigan utilities.

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2.4.2. Objective of EM&V

Evaluations are designed to provide an ongoing assessment of EWR programs, including tracking program participation and measure installation, applying accurate savings and persistence values, calculating achieved gross and net demand and energy impacts, and measuring customer response and satisfaction. Timely and ongoing feedback allows for mid-course adjustments in program implementation if the results indicate that progress is falling short of expectations. The evaluation contractors perform three primary types of evaluation activities for Consumers Energy:

- **Impact Evaluation:** The primary objective of an impact evaluation is to assess the change in energy consumption that can be attributed to a particular program intervention (e.g., the installation of energy-efficient equipment). Impact evaluations include verifying equipment installations, performance, and operating conditions, and the application of accurate savings values; applying appropriate adjustments to MEMD saving estimates based on metering, engineering, or statistical methods, as well as weather-normalization; and determining net savings directly attributable to a program.
- **Process Evaluation:** Through a process evaluation, Consumers Energy's evaluation contractors study all aspects of program administration and implementation. This includes but is not limited to internal and external procedures and operations, the alignment of program activities and objectives, the professionalism and efficiency of implementation contractors, the manner and effectiveness of program staff interactions with key market players (e.g., customers and trade allies), and the program's effectiveness in addressing market barriers. Evaluation contractors also frequently conduct benchmarking research of peer utility programs and industry best practices to offer context and provide comparison metrics against which to measure and manage program performance.
- **Market Assessment:** Through market assessment research, the evaluation contractors identify factors in the market that may affect program delivery or lead to improvements in program design, including customer acceptance of new technologies, market barriers, outreach methods and messaging that can be leveraged to improve customer awareness of programs, and emerging trends that may impact the potential for EWR programs. These assessments also provide information concerning the impact that EWR programs have on market transformation and technology adoption.

EM&V also encompasses a variety of tasks that do not pertain to specific programs but are important to the overall evaluation effort:

- Conducting general research to identify new sources of energy savings and support best practice program delivery.
- Reviewing deemed savings estimates and recommending revisions (if needed) to the MEMD.
- Coordinating and participating in the Technical Subcommittee and other statewide collaboratives established by the MPSC.
- Conducting calibration research and other statewide studies that improve the accuracy of savings estimates.
- Reviewing and approving updates to Consumers Energy's EWR tracking system.

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- Certifying savings through a systematic review and validation of all tracking system data to ensure the accuracy of reported savings by measure, by program, and for the total portfolio of EWR programs.
- Preparing certified savings reports and annual reports for submission to the MPSC.

2.4.3. EM&V Practices by Program

In each annual evaluation cycle, Consumers Energy's evaluation contractors work with individual program managers and the Company's EM&V and Product Experience and Performance teams, as well as with the Executive Director of DSM and the Company's residential, income-qualified, and commercial and industrial program directors, to identify research objectives and tasks that consider program-level spending and savings goals, challenges, market trends, and opportunities for expansion. The evaluation contractors then develop annual, program-specific evaluation plans that outline appropriate evaluation methodologies, sampling and data needs, the schedule, and deliverables. The general approaches used to evaluate different program types are outlined in Table 2-2.

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Table 2-2. Program-Specific EM&V Approaches

Program	Delivery Type	Process Evaluation Approaches	Impact Evaluation Approaches
Residential Programs			
Assessments and Behavioral	Behavioral, direct install	Annual research to assess program performance varies	Evaluation contractor verifies that deemed savings were applied to measures directly installed during home energy assessments using the four-step process described below. Evaluation contractor conducts a regression analysis of monthly customer bills (using a matched comparison group) to estimate behavioral electricity and natural gas savings per household accruing from the distribution of home energy reports. ¹
Appliance Recycling	Direct delivery, prescriptive downstream rebates		<ol style="list-style-type: none"> 1. Compare and reconcile tracking system and implementer data 2. Verify measure-level savings as referenced in the MEMD 3. Verify the proper application of adjustment factors (e.g., installation rates and net-to-gross values) 4. Calculate verified annual and lifetime savings
Contractor Rebates	Contractor delivery, prescriptive downstream and midstream rebates		
Market-Rate Multifamily	Direct delivery, direct install, prescriptive downstream contractor rebates		
Retail Rebates	Online marketplace and retail partnerships, instant discounts, prescriptive downstream rebates		
Residential Pilots	Pilot programs		Evaluation contractor conducts custom savings analyses as needed using appropriate engineering or statistical analysis methods to determine pilot savings impacts and cost-effectiveness. Pilot evaluation is performed to inform next steps in the pilot product lifecycle (specifically to determine whether to transition to a formal EWR program or discontinue the pilot).
Low- and Moderate-Income Programs			
Income-Qualified Single-Family ²	Direct delivery, direct install, prescriptive downstream contractor rebates	Annual research to assess program performance varies	Evaluation contractor verifies deemed savings from the MEMD (applied by program implementation contractors) using a four-step process: <ol style="list-style-type: none"> 1. Compare and reconcile tracking system and implementer data 2. Verify measure-level savings as referenced in the MEMD 3. Verify the proper application of adjustment factors (e.g., installation rates and net-to-gross values) 4. Calculate verified annual and lifetime savings
Income-Qualified Multifamily ²			
Think! Energy	Direct delivery, kit distribution		

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Program	Delivery Type	Process Evaluation Approaches	Impact Evaluation Approaches
Business Programs			
Custom Solutions	Performance-based custom projects	Annual research to assess program performance varies	<p>Evaluation contractor performs annual impact evaluations to update gross adjustment factors (GAFs), which primarily account for installation rates and engineering adjustments made to the reported savings estimates. Evaluation contractor uses these GAFs to develop the verified savings during the certification process.</p> <p>For custom project installations, the evaluation contractor verifies project savings using a three-step process:</p> <ol style="list-style-type: none"> 1. Verify the proper application of workpaper custom measures lives 2. Verify the proper application of adjustment factors (e.g., GAFs and net-to-gross values) 3. Calculate verified annual and lifetime savings
Midstream	Prescriptive midstream rebates		
Prescriptive Solutions	Prescriptive downstream rebates		
Small Business	Direct Install and Prescriptive contractor rebates	Annual research to assess program performance varies	<p>Evaluation contractor performs impact evaluations every two to three years to update GAFs, which primarily account for installation rates. Evaluation contractor uses these GAFs to develop the verified savings during the certification process.</p> <p>For prescriptive measure installations, the evaluation contractor applies and verifies deemed savings from the MEMD using a four-step process:</p> <ol style="list-style-type: none"> 1. Compare and reconcile tracking system and implementer data 2. Verify measure-level savings as referenced in the MEMD 3. Verify the proper application of adjustment factors (e.g., GAFs and net-to-gross values) 4. Calculate verified annual and lifetime savings
Business Pilots	Pilot programs		<p>Evaluation contractor conducts custom savings analysis as needed using appropriate engineering or statistical analysis methods to determine pilot savings impacts and cost-effectiveness. Evaluation contractor performs pilot evaluation to inform the next step in the pilot product lifecycle (specifically, whether to transition to a formal EWR program or discontinue the pilot).</p>

¹ To conduct custom savings analyses for behavioral programs, evaluation contractors follow the guidelines outlined in the current *Michigan Behavioral Resource Manual*.

² EM&V for the Income-Qualified Single-Family and Income-Qualified Multifamily programs will include tracking and analyzing specific metrics as outlined in Consumers Energy's Settlement Agreements in Case Nos. U-20875 and U-21321 for participants in the Health and Safety, Flint, and geotargeting initiatives. These metrics include entities performing work, customers served, deferrals identified and resolved, disconnections, installed measures, repairs completed, energy saved, bill impacts, impact on arrears, and health impacts.

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2.5. Coordination with External Partners

Consumers Energy works with a range of partners to optimize the efficiency and reach of its EWR programs.

2.5.1. Inter-Utility Coordination

Consumers Energy works with DTE Energy and other utilities to support the effectiveness of its EWR programs. Ongoing communication and coordination with DTE Energy is especially important for areas where natural gas and electricity service territories overlap. The two companies work together to identify administrative and implementation cost savings, to provide a consistent message, to manage programs in a similar manner (which removes barriers for customers and trade allies), and to share savings in cases where measures installed in one utility's single-fuel territory provide fuel savings provided by the other utility.

Additionally, Consumers Energy and DTE Energy work together to provide joint funding and oversight for research studies and other initiatives that benefit state EWR efforts generally and that improve the accuracy of the MEMD.

2.5.2. Coordination with Other Efficiency Initiatives

Other entities provide EWR services in Michigan, including state and federal governments, the Midwest Energy Efficiency Alliance, the U.S. Environmental Protection Agency, the U.S. Department of Energy's ENERGY STAR brand, Michigan Saves, and EGLE, in addition to other MPSC programs being offered (e.g., Michigan Energy Assistance Program for low-income customers). Consumers Energy will continue to work diligently to maintain these relationships and coordinate with these entities to realize benefits for Michigan utility customers. During the 2026-2029 EWR Plan delivery period, Consumers Energy anticipates coordinating with many of these organizations.

- The Company is working with EGLE regarding the design, implementation, marketing, and education of programs intended to distribute funding and other benefits associated with the [IRA and IIJA](#), with the goals of maximizing benefits for customers and the state of Michigan and avoiding administrative and market inefficiencies.
- Consumers Energy offers a financing option in conjunction with [Michigan Saves](#), comprising buy-down or payment options from a typical Michigan Saves rate. This allows customers who would not otherwise have the financial capacity to invest in an efficient retrofit project to participate in the EWR program. Consumers Energy will continue to work with Michigan Saves to provide a low-cost EWR financing option for residential and business customers.
- Consumers Energy is proud to partner with [Michigan 211](#) to connect customers with vital energy efficiency resources and support. Through this collaboration, the Company is helping individuals and families access programs that reduce energy use, lower utility bills, and improve home comfort—especially for those facing financial hardship. By integrating 211's referral services, Consumers Energy can more effectively guide customers to weatherization programs, energy-saving tools, and utility assistance options, further advancing its commitment to energy equity, sustainability, and a healthier future for Michigan communities.

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- Consumer Energy is exploring a potential collaboration with local and regional partners to assess the viability of **Property Assessed Clean Energy** financing to expand access to capital for energy efficiency, renewable energy, and resilience upgrades, particularly for commercial and multifamily properties, while ensuring alignment with existing programs and a focus on equitable outcomes.
- Consumers Energy, along with the Upper Peninsula Power Company, DTE Energy, and Indiana Michigan Power, founded the **Michigan Heat Pump Collaborative** and partnered with Slipstream to deliver the collaborative's mission to "Create a holistic education, outreach and training forum to pursue deeper engagement with manufacturers, distributors, trade allies, customers and other stakeholders to identify needs, remove barriers and ultimately increase adoption and participation in heat pump technologies." This collaborative is a long-term heat pump education commitment for market transformation in Michigan and will continue for the 2026-2029 EWR Plan years.

2.5.3. Trade Ally and Contractor Coordination

Trade allies and contractors are essential for effective program implementation and for achieving positive energy-savings results. Consumers Energy currently has over 2,500 trade allies and contractors who help customers reduce their energy waste. Consumers Energy will continue to cultivate and nurture these important relationships through numerous methods to ensure effective two-way communication. Ongoing training and program updates are a key part of program delivery and have been effective for stimulating trade ally involvement.

Consumers Energy has incorporated program feedback from trade allies about what is working and what is not, as well as suggestions for improvement. Consumers Energy will continue to emphasize coordination, listening sessions, and frequent communications with these key partners to advance program goals.

SUMMARY OF EWR BENEFITS AND COSTS

3. Summary of EWR Benefits and Costs

Consumers Energy strives to optimize EWR by emphasizing deep energy savings and providing customer value at a minimum cost. This 2026-2029 EWR Plan presents a four-year portfolio investment consistent with legislative requirements. Consumers Energy reviews incentive levels and other program costs on an annual basis and will modify budget allocations to reflect changes in market conditions or implementation processes and to maximize cost-effective savings. Consumers Energy reports such modifications in its annual EWR report submitted to the MPSC.

3.1. Savings and Investment Forecasts

Consumers Energy is proposing to invest \$1.18 billion in EWR programs during calendar years 2026 through 2029. This 2026-2029 EWR Plan is designed to maximize the amount of program funds that go directly to customers through incentives, training and technical assistance, and customer and trade ally education. The portfolio also accounts for program costs needed to adequately plan, develop, deliver, and evaluate its programs. The Company applies the balance of the expenditures to program administration and support services, including maintaining a comprehensive data tracking system. Further, as part of its increased emphasis on supporting low- and moderate-income communities, Consumers Energy will allocate proportional investment and energy savings from market-rate EWR programs toward its low-income program investment targets.¹

Consumers Energy developed this Plan to cost-effectively achieve its savings goals, which exceed the annual statutory electricity and natural gas savings targets. For this Plan, Consumers Energy’s annual savings targets are calculated based on a three-year average sales forecast (the three preceding years for each year of the Plan), excluding forecasted growth associated with data centers and EV load.

Consumers Energy’s annual savings and planned 2026 through 2029 investment are detailed in Table 3-1 through Table 3-9.

Table 3-1. EWR Programs Investment Summary

	2026	2027	2028	2029
Planned Investment, Electricity Programs	\$203,238,454	\$203,238,454	\$203,238,454	\$203,238,454
Percentage of Total Investment	70%	69%	68%	67%
Planned Investment, Natural Gas Programs	\$86,765,558	\$86,646,072	\$87,847,272	\$88,888,955
Percentage of Total Investment	30%	29%	29%	30%
Total Investment, EWR Programs	\$290,004,012	\$294,908,241	\$298,523,319	\$301,304,811

¹ Consumers Energy leveraged the MiEJscreen analytical tool to determine ZIP Codes primarily made up of EJ40 census tracts. The Company intends to increase promotional activities for its income-qualified service offerings in those selected areas. This approach was designed to facilitate equitable opportunity, awareness, and access for residents within these designated areas and expand their energy efficiency and home comfort decisions.

SUMMARY OF EWR BENEFITS AND COSTS

Table 3-2. Electricity Programs Investment and Savings Compared to Statutory Targets

	2026	2027	2028	2029
Planned Investment, Electricity Programs	\$203,238,454	\$208,262,169	\$210,676,046	\$212,415,856
Annual Electricity Savings, Statutory Target (MWh)	494,881.9	496,310.1	496,801.5	494,968.2
Annual Electricity Savings, Planned (MWh)	660,256.7	662,017.9	663,058.4	660,320.3
Percentage of Target	2.0%	2.0%	2.0%	2.0%

Table 3-3. Natural Gas Programs Investment and Savings Compared to Statutory Targets

	2026	2027	2028	2029
Planned Investment, Natural Gas Programs	\$86,765,558	\$86,646,072	\$87,847,272	\$88,888,955
Annual Natural Gas Savings, Statutory Target (Mcf)	2,681,121.8	2,679,382.3	2,676,983.9	2,691,358.9
Annual Natural Gas Savings, Planned (Mcf)	3,067,402.4	3,064,770.9	3,061,703.6	3,075,890.4
Percentage of Target	1.00%	1.00%	1.00%	1.00%

Table 3-4. Summary Income-Qualified Annual Investment and Percentage of Total (2026-2029)

	2026	2027	2028	2029
Planned IQ Electric Investment	\$50,106,579	\$53,620,367	\$54,793,810	\$55,433,429
Percentage of Total Investment (%)	25%	26%	26%	26%
Annual IQ Electric Investment, Statutory Target (%)	25%	25%	25%	25%
Planned IQ Natural Gas Investment	\$36,311,180	\$36,211,732	\$37,205,136	\$38,076,338
Percentage of Total Investment (%)	42%	42%	42%	43%
Annual IQ Natural Gas Investment, Statutory Target (%)	35%	35%	35%	35%
Planned Investment, Electricity Programs	\$203,238,454	\$208,262,169	\$210,676,046	\$212,415,856
Planned Investment, Natural Gas Programs	\$86,765,558	\$86,646,072	\$87,847,272	\$88,888,955

SUMMARY OF EWR BENEFITS AND COSTS

Table 3-5. Summary of Planned First-Year Annual Savings and Total Investments, 2026 - 2029

Program	Annual Electric Savings (MWh)	Annual Demand Reduction (MW)	Program Investment, Electric	UCT Results, Electric	Annual Natural Gas Savings (Mcf)	Program Investment, Natural Gas	UCT Results, Natural Gas	Total EWR Program Investment	UCT Results, Total Program
Residential Programs									
Appliance Recycling	78,066	10.3	\$32,814,580	1.22	-	-	-	\$32,814,580	1.22
Assessments and Behavioral	91,826	0.4	\$15,211,075	0.58	1,389,969	\$22,747,521	1.58	\$37,958,596	1.18
Contractor Rebates	18,174	6.7	\$15,393,534	1.98	1,315,120	\$41,732,873	3.06	\$57,126,407	2.77
Market-Rate Multifamily ¹	19,416	1.8	\$6,256,822	1.97	264,649	\$4,236,614	2.42	\$10,493,436	2.15
Retail Rebates	26,841	4.0	\$8,437,762	1.94	331,625	\$11,880,120	1.43	\$20,317,882	1.64
Residential Pilot Programs	20,014	1.5	\$11,421,173	1.39	324,858	\$10,319,236	2.37	\$21,740,410	1.88
Subtotal, Residential Programs	254,337	24.7	\$89,534,947	1.39	3,626,222	\$90,916,364	2.37	\$180,451,311	1.88
Low- and Moderate-Income Programs									
Income-Qualified Single-Family	164,274	6.5	\$75,605,980	1.51	3,027,250	\$91,246,336	3.36	\$166,852,316	2.54
Income-Qualified Multifamily	72,590	4.9	\$69,278,470	0.66	271,799	\$34,559,217	0.69	\$103,837,688	0.67
Think! Energy	23,199	1.8	\$4,258,072	3.23	332,938	\$3,828,230	5.39	\$8,086,302	4.25
Subtotal, Low- and Moderate-Income Programs	260,063	13.3	\$149,142,522	1.16	3,631,987	\$129,633,783	2.69	\$278,776,306	1.88
Business Programs									
Custom Solutions	403,768	18.9	\$42,945,401	6.21	1,450,612	\$19,510,572	6.43	\$62,455,973	6.28
Midstream	205,512	36.1	\$31,701,147	6.56	99,101	\$4,317,055	1.60	\$36,018,203	5.97
Prescriptive Solutions	1,158,901	166.6	\$249,841,955	3.61	2,433,733	\$48,417,322	4.31	\$298,259,278	3.73
Small Business	203,897	11.5	\$70,363,482	1.54	452,273	\$10,220,523	2.40	\$80,584,006	1.65
Business Pilot Programs	79,847	9.4	\$20,002,998	3.85	207,867	\$4,797,984	4.49	\$24,800,982	3.96
Subtotal, Business Programs	2,051,926	242.5	\$414,854,985	3.85	4,643,586	\$87,263,457	4.49	\$502,118,441	3.96
Support Services									
Utility Oversight			\$107,644,723			\$22,047,714		\$129,692,437	
Data Tracking			\$27,619,072			\$5,576,928		\$33,196,000	
Education and Awareness	79,327	8.7	\$20,834,462	2.53	367,972	\$4,267,300	2.82	\$25,101,762	2.60
EM&V			\$24,961,815			\$10,442,311		\$35,404,125	
Subtotal, Support Services	79,327	8.7	\$181,060,072		367,972	\$42,334,252		\$223,394,324	
EWR Portfolio Total	2,645,653	289.1	\$834,592,526	2.53	12,269,767	\$350,147,857	2.82	\$1,184,740,382	2.60

¹ The Market-Rate Multifamily program is in the Residential portfolio; however, measures installed in common areas on a commercial billing rate contribute savings to the Business portfolio.

SUMMARY OF EWR BENEFITS AND COSTS

Table 3-6. Summary of Planned First-Year Annual Savings and Total Investments, 2026

Program	Electric Savings (MWh)	Demand Reduction (MW)	Program Investment, Electric	Average Electric Measure Life (Years)	Natural Gas Savings (Mcf)	Program Investment, Natural Gas	Average Natural Gas Measure Life (Years)	Total EWR Program Investment
Residential Programs								
Appliance Recycling	25,812	3.3	\$8,239,983	6.9	-	-	-	\$8,239,983
Assessments and Behavioral	22,960	0.1	\$3,798,782	1.7	347,492	\$5,666,539	4.2	\$9,465,321
Contractor Rebates	4,283	1.6	\$3,751,332	16.5	328,542	\$10,429,618	16.8	\$14,180,950
Market-Rate Multifamily ¹	4,759	0.4	\$1,517,793	10.2	66,273	\$1,047,773	6.3	\$2,565,566
Retail Rebates	6,551	1.0	\$2,085,514	7.6	82,906	\$2,970,030	8.4	\$5,055,544
Residential Pilot Programs	5,172	0.4	\$2,742,424	6.0	81,606	\$2,589,251	9.8	\$5,331,675
Subtotal, Residential Programs	69,538	6.9	\$22,135,827	6.0	906,819	\$22,703,211	9.8	\$44,839,038
Low- and Moderate-Income Programs								
Income-Qualified Single-Family	39,811	1.6	\$17,473,333	14.1	737,816	\$22,084,294	17.0	\$39,557,626
Income-Qualified Multifamily	17,688	1.2	\$16,950,150	11.5	70,748	\$8,617,972	16.0	\$25,568,122
Think! Energy	6,826	0.5	\$1,127,395	8.9	83,235	\$947,321	10.2	\$2,074,716
Subtotal, Low- and Moderate-Income Programs	64,325	3.2	\$35,550,878	12.8	891,799	\$31,649,587	16.3	\$67,200,464
Business Programs								
Custom Solutions	98,075	4.6	\$10,501,118	13.0	361,559	\$4,876,698	14.7	\$15,377,816
Midstream	51,348	9.0	\$7,914,732	15.2	24,775	\$1,085,204	11.7	\$8,999,936
Prescriptive Solutions	289,725	41.7	\$62,460,489	13.0	608,548	\$12,106,440	14.6	\$74,566,929
Small Business	47,875	2.5	\$16,381,236	11.6	128,516	\$2,887,020	8.3	\$19,268,256
Business Pilot Programs	19,573	2.3	\$4,874,553	13.1	53,393	\$1,229,362	14.0	\$6,103,915
Subtotal, Business Programs	506,597	60.2	\$102,132,128	13.1	1,176,790	\$22,184,724	14.0	\$124,316,852
Support Services								
Utility Oversight			\$25,730,000			\$5,270,000		\$31,000,000
Education and Awareness	19,797	2.2	\$6,093,891		91,994	\$2,602,167		\$8,696,058
EM&V			\$6,615,731			\$1,335,869		\$7,951,600
Data Tracking			\$4,980,000			\$1,020,000		\$6,000,000
Subtotal, Support Services	19,797	2.2	\$43,419,622		91,994	\$10,228,036		\$53,647,658
Total	660,257	72.5	\$203,238,454	12.3	3,067,402	\$86,765,558	12.2	\$290,004,012

¹ The Market-Rate Multifamily program is in the Residential portfolio; however, measures installed in common areas on a commercial billing rate contribute savings to the Business portfolio.

SUMMARY OF EWR BENEFITS AND COSTS

Table 3-7. Summary of Planned First-Year Annual Savings and Total Investments, 2027

Program	Electric Savings (MWh)	Demand Reduction (MW)	Program Investment, Electric	Average Electric Measure Life (Years)	Natural Gas Savings (Mcf)	Program Investment, Natural Gas	Average Natural Gas Measure Life (Years)	Total EWR Program Investment
Residential Programs								
Appliance Recycling	17,418	2.3	\$8,191,533	8.0	0	\$-	0.0	\$8,191,533
Assessments and Behavioral	22,955	0.1	\$3,801,308	1.9	347,492	\$5,679,553	4.2	\$9,480,861
Contractor Rebates	4,443	1.7	\$3,809,704	18.6	328,542	\$10,429,618	16.8	\$14,239,322
Market-Rate Multifamily ¹	4,804	0.4	\$1,524,459	10.2	66,209	\$1,044,945	6.3	\$2,569,405
Retail Rebates	6,657	1.0	\$2,101,348	8.8	82,906	\$2,970,030	8.4	\$5,071,378
Residential Pilot Programs	4,947	0.4	\$2,862,457	6.6	81,110	\$2,571,142	9.8	\$5,433,599
Subtotal, Residential Programs	61,224	5.9	\$22,290,809	6.6	906,259	\$22,695,288	9.8	\$44,986,097
Low- and Moderate-Income Programs								
Income-Qualified Single-Family	41,334	1.7	\$18,757,131	14.2	748,747	\$22,288,261	17.0	\$41,045,392
Income-Qualified Multifamily	18,213	1.2	\$17,269,700	11.5	68,140	\$8,528,589	15.9	\$25,798,290
Think! Energy	5,458	0.5	\$1,037,776	10.9	83,235	\$952,807	10.2	\$1,990,584
Subtotal, Low- and Moderate-Income Programs	65,005	3.3	\$37,064,608	13.1	900,121	\$31,769,657	16.3	\$68,834,265
Business Programs								
Custom Solutions	100,486	4.7	\$10,713,797	12.9	362,288	\$4,877,328	14.7	\$15,591,125
Midstream	51,364	9.0	\$7,920,307	15.2	24,775	\$1,085,204	11.7	\$9,005,511
Prescriptive Solutions	289,725	41.7	\$62,460,489	13.0	610,256	\$12,121,627	14.6	\$74,582,116
Small Business	54,145	3.2	\$18,073,780	11.5	116,780	\$2,442,176	8.3	\$20,515,956
Business Pilot Programs	20,218	2.4	\$5,054,089	13.1	52,377	\$1,202,772	14.0	\$6,256,861
Subtotal, Business Programs	515,939	61.0	\$104,222,462	13.1	1,166,477	\$21,729,107	14.0	\$125,951,569
Support Services								
Utility Oversight			\$26,501,900			\$5,428,100		\$31,930,000
Education and Awareness	19,850	2.2	\$6,244,568		91,913	\$2,598,542		\$8,843,110
EM&V			\$6,808,422			\$1,374,778		\$8,183,200
Data Tracking			\$5,129,400			\$1,050,600		\$6,180,000
Subtotal, Support Services	19,850	2.2	\$44,684,290		91,913	\$10,452,019		\$55,136,310
Total	662,018	72.4	\$208,262,169	12.4	3,064,771	\$86,646,072	12.2	\$294,908,241

¹ The Market-Rate Multifamily program is in the Residential portfolio; however, measures installed in common areas on a commercial billing rate contribute savings to the Business portfolio.

SUMMARY OF EWR BENEFITS AND COSTS

Table 3-8. Summary of Planned First-Year Annual Savings and Total Investments, 2028

Program	Electric Savings (MWh)	Demand Reduction (MW)	Program Investment, Electric	Average Electric Measure Life (Years)	Natural Gas Savings (Mcf)	Program Investment, Natural Gas	Average Natural Gas Measure Life (Years)	Total EWR Program Investment
Residential Programs								
Appliance Recycling	17,418	2.3	\$8,191,533	8.0	0	\$0	0.0	\$8,191,533
Assessments and Behavioral	22,955	0.1	\$3,804,089	1.9	347,492	\$5,694,027	4.2	\$9,498,116
Contractor Rebates	4,620	1.7	\$3,873,234	19.0	328,859	\$10,434,418	16.8	\$14,307,652
Market-Rate Multifamily ¹	4,901	0.5	\$1,605,387	10.2	66,084	\$1,069,724	6.3	\$2,675,111
Retail Rebates	6,762	1.0	\$2,117,242	8.8	82,906	\$2,970,030	8.4	\$5,087,272
Residential Pilot Programs	4,966	0.4	\$2,903,470	6.7	80,668	\$2,565,739	9.8	\$5,469,209
Subtotal, Residential Programs	61,621	5.9	\$22,494,956	6.7	906,010	\$22,733,938	9.8	\$45,228,893
Low- and Moderate-Income Programs								
Income-Qualified Single-Family	41,639	1.6	\$19,413,502	14.2	759,374	\$23,045,071	17.1	\$42,458,573
Income-Qualified Multifamily	18,408	1.3	\$17,476,254	11.5	66,680	\$8,700,925	15.9	\$26,177,179
Think! Energy	5,458	0.5	\$1,041,389	10.9	83,235	\$957,183	10.2	\$1,998,572
Subtotal, Low- and Moderate-Income Programs	65,505	3.4	\$37,931,145	13.2	909,289	\$32,703,180	16.3	\$70,634,324
Business Programs								
Custom Solutions	101,898	4.7	\$10,814,761	12.9	363,018	\$4,877,958	14.7	\$15,692,719
Midstream	51,384	9.0	\$7,928,445	15.2	24,775	\$1,085,204	11.7	\$9,013,649
Prescriptive Solutions	289,725	41.7	\$62,460,489	13.0	610,256	\$12,121,627	14.6	\$74,582,116
Small Business	52,887	3.1	\$18,104,277	11.5	105,229	\$2,444,955	8.3	\$20,549,232
Business Pilot Programs	20,157	2.4	\$5,059,212	13.1	51,307	\$1,184,487	14.0	\$6,243,699
Subtotal, Business Programs	516,051	60.9	\$104,367,184	13.1	1,154,586	\$21,714,231	14.0	\$126,081,416
Support Services								
Utility Oversight			\$27,296,957			\$5,590,943		\$32,887,900
Education and Awareness	19,881	2.2	\$5,283,282		91,820	\$1,082,118		\$6,365,400
EM&V			\$6,301,409			\$2,609,176		\$8,910,586
Data Tracking			\$7,001,114			\$1,413,686		\$8,414,800
Subtotal, Support Services	19,881	2.2	\$45,882,762		91,820	\$10,695,924		\$56,578,686
Total	663,058	72.4	\$210,676,046	12.4	3,061,704	\$87,847,272	12.2	\$298,523,319

¹ The Market-Rate Multifamily program is in the Residential portfolio; however, measures installed in common areas on a commercial billing rate contribute savings to the Business portfolio.

SUMMARY OF EWR BENEFITS AND COSTS

Table 3-9. Summary of Planned First-Year Annual Savings and Total Investments, 2029

Program	Electric Savings (MWh)	Demand Reduction (MW)	Program Investment, Electric	Average Electric Measure Life (Years)	Natural Gas Savings (Mcf)	Program Investment, Natural Gas	Average Natural Gas Measure Life (Years)	Total EWR Program Investment
Residential Programs								
Appliance Recycling	17,418	2.3	\$8,191,533	8.0	0	\$0	0.0	\$8,191,533
Assessments and Behavioral	22,955	0.1	\$3,806,896	1.9	347,492	\$5,707,402	4.2	\$9,514,298
Contractor Rebates	4,828	1.7	\$3,959,264	19.4	329,177	\$10,439,218	16.8	\$14,398,482
Market-Rate Multifamily ¹	4,952	0.5	\$1,609,182	10.2	66,084	\$1,074,173	6.3	\$2,683,355
Retail Rebates	6,870	1.0	\$2,133,658	8.8	82,906	\$2,970,030	8.4	\$5,103,688
Residential Pilot Programs	4,930	0.4	\$2,912,822	6.8	81,474	\$2,593,104	9.8	\$5,505,927
Subtotal, Residential Programs	61,954	6.0	\$22,613,355	6.8	907,134	\$22,783,927	9.8	\$45,397,282
Low- and Moderate-Income Programs								
Income-Qualified Single-Family	41,490	1.6	\$19,962,014	14.3	781,313	\$23,828,711	17.1	\$43,790,725
Income-Qualified Multifamily	18,281	1.3	\$17,582,366	11.4	66,231	\$8,711,731	15.9	\$26,294,096
Think! Energy	5,458	0.5	\$1,051,512	10.9	83,235	\$970,918	10.2	\$2,022,430
Subtotal, Low- and Moderate-Income Programs	65,229	3.3	\$38,595,892	13.2	930,778	\$33,511,360	16.4	\$72,107,252
Business Programs								
Custom Solutions	103,309	4.8	\$10,915,726	13.0	363,748	\$4,878,588	14.7	\$15,794,314
Midstream	51,416	9.0	\$7,937,662	15.2	24,775	\$1,061,444	11.7	\$8,999,106
Prescriptive Solutions	289,725	41.7	\$62,460,489	13.0	604,672	\$12,067,627	14.7	\$74,528,116
Small Business	48,990	2.6	\$17,804,190	11.5	101,748	\$2,446,372	8.3	\$20,250,562
Business Pilot Programs	19,899	2.3	\$5,015,144	13.1	50,790	\$1,181,363	14.1	\$6,196,507
Subtotal, Business Programs	513,339	60.5	\$104,133,211	13.1	1,145,733	\$21,635,395	14.1	\$125,768,605
Support Services								
Utility Oversight			\$28,115,866			\$5,758,671		\$33,874,537
Education and Awareness	19,799	2.2	\$6,321,947		92,245	\$2,632,426		\$8,954,373
EM&V			\$7,193,805			\$1,452,595		\$8,646,400
Data Tracking			\$5,441,780			\$1,114,582		\$6,556,362
Subtotal, Support Services	19,799	2.2	\$47,073,398		92,245	\$10,958,274		\$58,031,672
Total	660,320	71.9	\$212,415,856	12.4	3,075,890	\$88,888,955	12.2	\$301,304,811

¹ The Market-Rate Multifamily program is in the Residential portfolio; however, measures installed in common areas on a commercial billing rate contribute savings to the Business portfolio.

SUMMARY OF EWR BENEFITS AND COSTS

3.2. Benefit-Cost Analysis

Michigan Law established that EWR programs, excluding program offerings to low-income residential customers, must collectively be cost-effective according to the UCT. Industry standards for analyzing the cost-effectiveness of conservation programs are outlined in the California Standard Practice Manual, which defines five primary cost-effectiveness tests. Each test measures the program’s economic performance from different stakeholder perspectives, as outlined in Table 3-10.

Table 3-10. Cost-Effectiveness Test Perspectives

Cost-Effectiveness Test	Stakeholder Perspective
Utility Cost Test (UCT)	Utility
Total Resource Cost Test (TRC)	Utility and program participants combined
Participant Cost Test (PCT)	Program participants
Ratepayer Impact Measure Test (RIM)	All Consumers Energy customers (including nonparticipants, also referred to as ratepayers)
Societal Cost Test (SCT)	Society at large

To assess cost-effectiveness, each test allocates costs and benefits based on their impacts to the stakeholder perspective being tested:

- The **UCT** measures the net benefits of an EWR program based on the costs and benefits incurred by the utility and excluding net costs incurred by program participants. The benefits include avoided energy supply costs and the reduction in transmission, distribution, generation, and capacity valued at marginal costs for the periods when load reduction occurs. The costs comprise program costs incurred by the utility, including the incentives paid to the customers and the increased supply costs for the periods in which load is increased.
- The **TRC** measures the total net resource expenditures of a DSM program from the viewpoint of the utility and program participants. Resource costs include changes in supply and participant costs and benefits include avoided energy, capacity, and system costs.
- The **PCT** illustrates the relative magnitude of net benefits that accrue to program participants compared to net benefits achieved from other perspectives. The benefits derived from this test include customer bill reductions and utility or third-party incentives and any tax credits. Costs include customers’ out-of-pocket expenses from participating in a program, plus any increases in their utility bills.
- The **RIM** measures the benefits and costs that affect utility rates resulting from changes in revenues and operating costs. A higher RIM test result implies a lower impact on increasing energy rates.
- The **SCT** is similar to the TRC test but also accounts for external benefits, such as reductions in pollutants (e.g., carbon dioxide) and non-energy resources and costs (e.g., water, operations, and maintenance).

The allocation of the benefit and cost components for each cost-effectiveness test perspective is illustrated in Table 3-11.

SUMMARY OF EWR BENEFITS AND COSTS

Table 3-11. Allocation of Benefits and Costs from Different Perspectives

	Stakeholder Perspective				
	UCT	PCT	RIM	SCT	TRC
Benefits					
Avoided Energy Costs	•		•	•	•
Avoided Capacity Costs	•		•	•	•
Avoided Transmission and Distribution Losses	•		•	•	•
Avoided Secondary Fuel Costs	•		•	•	•
Bill Reductions		•			
Externalities Adder				•	
Non-Energy Benefits		•		•	•
Utility Incentives		•			
Costs					
Incremental Measure Costs		•		•	•
Utility Costs Incurred as Incentives	•		•		
Utility Costs Other than Incentives	•		•	•	•
Lost Revenues			•		

Source: California Energy Commission. October 2001. *California Standard Practice Manual for Economic Analysis of Demand-Side Management Programs and Projects*.

In addition to calculating benefit-cost UCT ratios, Consumers Energy calculated benefit-cost ratios for three more cost-effectiveness tests using the standards outlined in the California Standard Practice Manual. Consumers Energy chose not to calculate benefit-cost ratios for the SCT because of the uncertain value of environmental externalities. Regardless of which perspective is used, a benefit-cost ratio equal to or greater than 1.0 indicates that a program is cost-effective from that perspective.

For each program and the Plan overall, Consumers Energy calculated cost-effectiveness by valuing its benefits (as measured by the Company's avoided energy, transmission and distribution, and capacity costs) and its life-cycle benefits. Consumers Energy uses a software program called DSMore™ to calculate cost-effectiveness, which applies avoided cost savings generated by each measure or program across the entire portfolio. To determine the value of avoided electric benefits in the analysis, Consumers Energy uses historical hourly price data from the Midcontinent Independent System Operator market, along with hourly weather data. The Company applies the electric savings by measure, using the measure's load shape during specific hours over the year (since prices vary by hour). Consumers Energy weights these prices based on the probability of weather variations over 33 years of weather history so that the full range of weather and prices is properly captured. Each hour has a unique price that the Company escalates over time: this ensures that the savings reflect the value expected in the market over time from the avoided energy sales. Similarly, Consumers Energy calculates the avoided benefits for natural gas using weather-adjusted prices, which are derived from Henry Hub sales market data and are based on daily natural gas prices (versus hourly prices for electricity). The Company tailors hourly load and price distributions to the specific group of customers for which a program is designed.

SUMMARY OF EWR BENEFITS AND COSTS

3.2.1 Program Benefit and Cost Components

DSMore uses a range of modeling inputs to calculate cost-effectiveness from each stakeholder perspective:

- **Discount Rates:** There is a time value associated with money because money spent in the future does not have the same value as money spent today. This time value is represented by a discount rate (analogous to an interest rate). Economic equations use the discount rate to convert all costs and benefits to a present value for comparison purposes. Consumers Energy used uniform after-tax discount rates of 4.36% for both electricity and natural gas EWR programs and supply-side resources.
- **Pricing Scenario:** The DSMore price simulation file allows modeling a range of energy cost scenarios. Consumers Energy developed these prices for DSMore based on the Midcontinent Independent System Operator's historical energy prices by hour correlated to weather on that hour. Then the Company applied these price and weather correlations over 33 years of hourly weather observations to get a full distribution of weather and prices in relation to hourly load shapes. For subsequent years within the analysis, the Company used its projected escalation factors to model expected future energy price changes.
- **Avoided Capacity and Energy Benefits:** The DSMore avoided cost benefits fall into two categories: avoided capacity benefits and avoided energy benefits. Avoided capacity benefits are the benefits derived from deferring the need to build new generating plants in the future. Avoided capacity benefits are based on Midcontinent Independent System Operator projections of future power plant costs, considering expected levels of capacity available over future years and the costs of that capacity. DSMore estimates avoided energy benefits using the annual hourly patterns of equipment use, with input values that incorporate the varying costs to purchase electricity at different times of the day and year across weather-weighted price variations.
- **Avoided Transmission and Distribution Benefits:** Transmission and distribution system line losses can be avoided through the installation of energy-saving measures. Consumers Energy used its line loss study to value losses at the primary, secondary, and transmission voltage levels.
- **Administration, Implementation, and Direct Costs:** The Company included non-incentive costs to deliver programs as technology inputs of DSMore to allow for aggregation into total program cost-effectiveness. Consumers Energy adds its support services that are not specific to individual programs as costs at the portfolio level for all programs, allocated proportionately by fuel type (electricity and natural gas). The Company applies incentive costs at the measure level.
- **Load Shapes:** The value of demand management, such as EWR, requires a detailed understanding of when these resources can decrease system loads. A program or measure that decreases load during a peak period, for example, can offset the need to acquire additional supply to service that peak. Consumers Energy developed and applied territory-specific residential and commercial load shapes to its cost-effectiveness calculations based on a territory-specific study. For the commercial programs, Consumers Energy applied regional customer meter shapes in DSMore.
- **Measure-Level Energy Savings:** The Company used measure-level energy savings and demand reduction in calculations from the MEMD, with appropriate net-to-gross factors and installation factors applied.

SUMMARY OF EWR BENEFITS AND COSTS

3.2.1 Benefit-Cost Test Results

As shown in Table 3-12, the 2026 through 2029 portfolio of EWR programs passes the UCT with a ratio of 2.60. Table 3-13 and Table 3-14 show that both the electricity and the natural gas program portfolios are cost-effective with UCT ratios of 2.53 and 2.82, respectively.

Table 3-12. Summary of Total Portfolio Benefit-Cost Test Results (2026 -2029)

Program	UCT	TRC	PCT	RIM
Residential Programs				
Appliance Recycling	1.22	1.10	2.27	0.85
Assessments and Behavioral	1.18	1.23	-	0.52
Contractor Rebates	2.77	0.62	0.86	0.73
Market-Rate Multifamily ¹	2.15	0.88	1.11	0.83
Retail Rebates	1.64	1.26	2.41	0.71
Residential Pilot Programs	1.88	0.79	-	0.61
Subtotal, Residential Programs²	1.88	0.79	1.19	0.61
Low- and Moderate-Income Programs				
Income-Qualified Single-Family	2.54	2.54	-	0.72
Income-Qualified Multifamily	0.67	0.79	1.00	0.46
Think! Energy	4.25	1.57	-	0.88
Subtotal, Low- and Moderate-Income Programs	1.88	1.86	1.00	0.68
Business Programs				
Custom Solutions	6.28	4.36	3.55	1.39
Midstream	5.97	4.37	2.96	1.95
Prescriptive Solutions	3.73	1.41	1.06	1.38
Small Business	1.65	1.83	7.72	0.88
Business Pilot Programs	3.96	1.85	-	1.39
Subtotal, Business Programs	3.96	1.85	1.47	1.39
Total Portfolio with Support Services²	2.60	1.37	1.40	1.08

¹ The Market-Rate Multifamily program is in the Residential portfolio; however, measures installed in common areas on a commercial billing rate accrue costs and contribute savings to the Business portfolio.

² Income-qualified programs are excluded from benefit-cost analysis at the portfolio level.

SUMMARY OF EWR BENEFITS AND COSTS

Table 3-13. Summary of Electricity Portfolio's Benefit-Cost Test Results (2026-2029)

Program	UCT	TRC	PCT	RIM
Residential Programs				
Appliance Recycling	1.22	1.10	2.27	0.85
Assessments and Behavioral	0.58	0.59	-	0.46
Contractor Rebates	1.98	0.50	0.24	1.35
Market-Rate Multifamily ¹	1.97	0.72	0.57	1.14
Retail Rebates	1.94	1.24	1.10	1.17
Residential Pilot Programs	1.15	0.76	-	0.64
Subtotal, Residential Programs²	1.35	0.76	0.67	0.64
Low- and Moderate-Income Programs				
Income-Qualified Single-Family	1.51	1.51	-	0.89
Income-Qualified Multifamily	0.66	0.84	1.91	0.52
Think! Energy	3.23	0.76	-	1.41
Subtotal, Low- and Moderate-Income Programs	1.16	1.16	1.91	0.77
Business Programs				
Custom Solutions	6.56	4.78	3.33	1.67
Midstream	3.61	5.08	3.22	2.08
Prescriptive Solutions	6.21	1.36	0.89	1.54
Small Business	1.54	1.85	8.54	0.90
Business Pilot Programs	3.85	1.82	-	1.55
Subtotal, Business Programs	3.85	1.82	1.26	1.55
Total Electricity Portfolio with Support Services²	2.53	1.42	1.19	1.27

¹ The Market-Rate Multifamily program is in the Residential portfolio; however, measures installed in common areas on a commercial billing rate accrue costs and contribute savings to the Business portfolio.

² Income-qualified programs are excluded from benefit-cost analysis at the portfolio level.

SUMMARY OF EWR BENEFITS AND COSTS

Table 3-14. Summary of Natural Gas Portfolio's Benefit-Cost Test Results (2026-2029)

Program	UCT	TRC	PCT	RIM
Residential Programs				
Appliance Recycling	-	-	-	-
Assessments and Behavioral	1.58	1.58	-	0.54
Contractor Rebates	3.06	0.66	1.03	0.66
Market-Rate Multifamily ¹	2.42	1.22	2.21	0.62
Retail Rebates	1.43	1.28	4.37	0.52
Residential Pilot Programs	2.375	0.81	-	0.62
Subtotal, Residential Programs²	2.37	0.81	1.42	0.62
Low- and Moderate-Income Programs				
Income-Qualified Single-Family	3.36	3.36	-	0.67
Income-Qualified Multifamily	0.69	0.72	2.02	0.39
Think! Energy	5.39	5.39	-	0.71
Subtotal, Low- and Moderate-Income Programs	2.69	2.72	2.02	0.64
Business Programs				
Custom Solutions	6.43	3.68	3.85	1.03
Midstream	1.60	0.84	1.41	0.69
Prescriptive Solutions	4.31	1.64	1.90	0.96
Small Business	2.40	1.77	5.85	0.80
Business Pilot Programs	4.49	2.00	-	0.97
Subtotal, Business Programs	4.49	2.00	2.39	0.97
Total Natural Gas Portfolio with Support Services²	2.82	1.23	1.09	0.76

¹ The Market-Rate Multifamily program is in the Residential portfolio; however, measures installed in common areas on a commercial billing rate accrue costs and contribute savings to the Business portfolio.

² Income-qualified programs are excluded from benefit-cost analysis at the portfolio level.

RESIDENTIAL PORTFOLIO

4. Residential Portfolio

The Residential portfolio of Consumers Energy's 2026-2029 EWR Plan consists of five programs designed to provide residential customers with a diverse range of opportunities to reduce their electricity and natural gas usage. Customers of all income levels, in all housing types, and across all fuel services will have opportunities to participate in EWR. The programs presented in this Plan will provide Consumers Energy's residential customers with a range of ways to engage with energy efficiency in whatever manner they are most comfortable.

Educational resources to help customers better understand EWR opportunities are available through in-home and online technical support (through audits and trained trade ally partners), and home energy reports.

Discounted and rebated energy-efficient products are offered through upstream, midstream, and downstream delivery channels.

As part of ongoing efforts to streamline and enhance the residential offerings, Consumers Energy is consolidating multiple programs into a single, unified Contractor Rebate Program. This new structure will now include both the Home Solutions and New Home Construction initiatives.

Figure 4-1 depicts Consumers Energy's residential portfolio structure. The remainder of this section provides detailed descriptions of each residential program, along with energy-savings estimates, budgets, and cost-effectiveness analysis results.

RESIDENTIAL PORTFOLIO

Figure 4-1. Residential Portfolio Structure



¹ Costs incurred and savings obtained are allocated based on the customer meter.

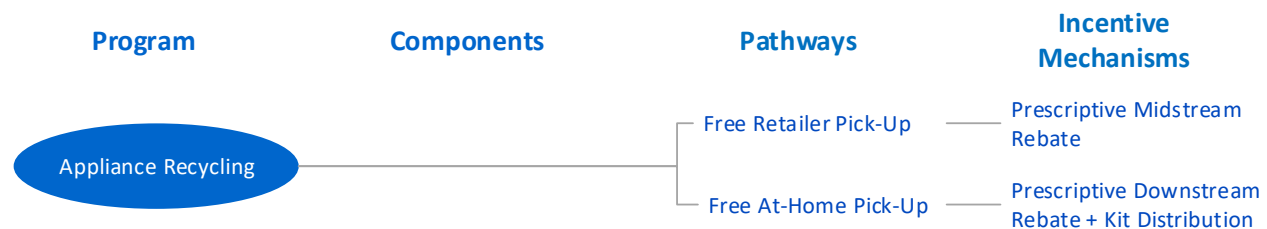
APPLIANCE RECYCLING

4.1. Appliance Recycling

The average household replaces a refrigerator every 10 years. However, many of the refrigerators and freezers being replaced still function and often end up as back-up appliances in basements and garages or are sold in a used appliance market. Through the Appliance Recycling program, Consumers Energy targets these older refrigerators and freezers for recycling, providing the multiple benefits of decreasing energy consumption and keeping these appliances out of the used appliance market, as well as ensuring they are decommissioned in an environmentally responsible manner. An appliance recycling implementation contractor provides turnkey services, including verifying customer eligibility, scheduling pick-up appointments, picking up appliances, and processing rebates. The implementation contractor delivers units to a recycling facility, where they are decommissioned and recycled. The recycling process involves removing chlorofluorocarbon-based refrigerant and other hazardous materials, preparing for reclamation, and recycling components, such as metal, foam, and plastic.

The program accepts smaller refrigerant-containing appliances (dehumidifiers, room air conditioners, and refrigerators less than 10 cubic feet) when pick-ups also include a larger appliance. The Company also provides alternative appliance collection options through program drop-off events and retailer programs. Additionally, during the 2026-2029 EWR Plan cycle, the Company will test a midstream approach that involves collecting qualifying appliances from participating retailers for recycling by either Consumers Energy’s designated recycler and recycling process, or the retailer’s preferred recycler, approved by Consumers Energy.

Customers who participate receive free pick-up services, a cash incentive, and a free kit that contains self-install EWR measures, as well as cross-promotional materials for other Consumers Energy EWR programs.



4.1.1. Objectives

Through the Appliance Recycling program, Consumers Energy aims to produce long-term electric energy savings by permanently removing operable but older, inefficient refrigerators, freezers, and small appliances from the power grid and recycling them in an environmentally safe manner.

4.1.2. Customer Targets and Eligibility

The Appliance Recycling program targets residential electric customers who are currently operating a second refrigerator or freezer or who are replacing their primary refrigerator. As part of its increased focus on extending support to its most vulnerable customers, Consumers Energy will use interactive geographic mapping tools

APPLIANCE RECYCLING

developed through a LINA, aligned with MiEJScreen² to increase promotional activities and participation among low- and moderate-income customers residing in zip codes primarily covered by an EJ40 census tract. Additionally, program representatives will provide information and materials on Consumers Energy’s income-qualified product offerings to customers in those areas. Table 4-1 provides customer eligibility parameters.

Table 4-1. Appliance Recycling Customer Eligibility Parameters

	Eligible Customers
Customer Class	Residential or commercial electric customer rate class ¹
Building Type	Single-family, multifamily, commercial, or industrial
Building Vintage	Existing construction
Other	Unit must be operable at the time of pick up; limited to two large and four small appliances per customer per year

¹ While the program primarily targets residential customers, any type of customer with a qualifying appliance may participate. Consumers Energy allocates program savings and costs between the residential and nonresidential sectors based on the actual meter class impacted by participation.

4.1.3. Qualifying Measures and Incentives

Program participants who recycle an existing full-size refrigerator or freezer receive a rebate and free pick up and disposal of their appliance. Typically, appropriate disposal of these units entails a municipal fee of approximately \$35; therefore, the free pick-up service provides an additional value. Participants also receive a free kit that contains self-install EWR measures.

Participants who recycle an old but operable qualifying room air conditioner, dehumidifier, or small refrigerator are eligible for a rebate and free pick up when they recycle a full-size refrigerator or freezer at the same time. Consumers Energy also sponsors periodic turn-in events, when customers may drop off these small appliances and receive the rebate.

Customers may receive program rebates and incentives by check, on-bill credit, installation of equipment, online payment service (e.g., PayPal), or gift card. Details on eligible program measures and incentive levels are outlined in *Appendix A*.

Participation Benefits

- Free pick up of qualifying large appliances
- Free pick up of qualifying small appliances when larger appliances are picked up at the same time
- Financial incentives
- Free energy-efficiency kit
- Environmentally responsible recycling and disposal of all component parts and volatile compounds

² [MiEJScreen](#) is an interactive mapping tool, sponsored by the Michigan Department of Environment, Great Lakes, and Energy, that identifies Michigan communities that may be disproportionately impacted by environmental hazards.

APPLIANCE RECYCLING

4.1.4. Marketing Strategy

Marketing materials for the Appliance Recycling program carry a strong consumer education message emphasizing the environmental impact and cost of operating second refrigerators and freezers and older, inefficient appliances, and the importance of proper disposal and recycling of retired units.

Consumers Energy will additionally conduct enhanced targeted marketing to customers located within EJ40 and low-income dominant zip codes. Consumers Energy will leverage the following marketing channels to build awareness and promote the program:

- Email marketing
- Paid media (e.g., print advertising, radio, or digital media)
- Program website
- Cross-promotion from other EWR programs
- Sponsorship, promotion of, and participation in community recycling events
- Partnerships with retail and discount resale stores to promote the program and schedule pick ups

4.1.5. Estimated Investment

Table 4-2 provides the estimated annual investment levels for the Appliance Recycling program.

Table 4-2. Appliance Recycling Estimated Investment

	2026	2027	2028	2029
Electricity	\$8,239,983	\$8,191,533	\$8,191,533	\$8,191,533
Natural Gas	-	-	-	-
Total	\$8,239,983	\$8,191,533	\$8,191,533	\$8,191,533

4.1.6. Savings Targets

Table 4-3 provides energy-savings and demand reduction goals for the Appliance Recycling program.

Table 4-3. Appliance Recycling Energy-Savings Targets

	2026	2027	2028	2029
MWh	25,812	17,418	17,418	17,418
MW	3.3	2.3	2.3	2.3
Mcf	-	-	-	-

APPLIANCE RECYCLING

4.1.7. Benefit-Cost Results

The Appliance Recycling program is cost-effective from a utility cost perspective, achieving a benefit-cost ratio of 1.22. Table 4-4 provides program cost-effectiveness results.

Table 4-4. Appliance Recycling Cost-Effectiveness Results

Benefit-Cost Test	Benefit-Cost Ratio
Utility Cost Test	1.22
Total Resource Cost Test	1.10
Participant Cost Test	2.27
Rate Impact Measure Test	0.85

ASSESSMENTS AND BEHAVIORAL

4.2. Assessments and Behavioral

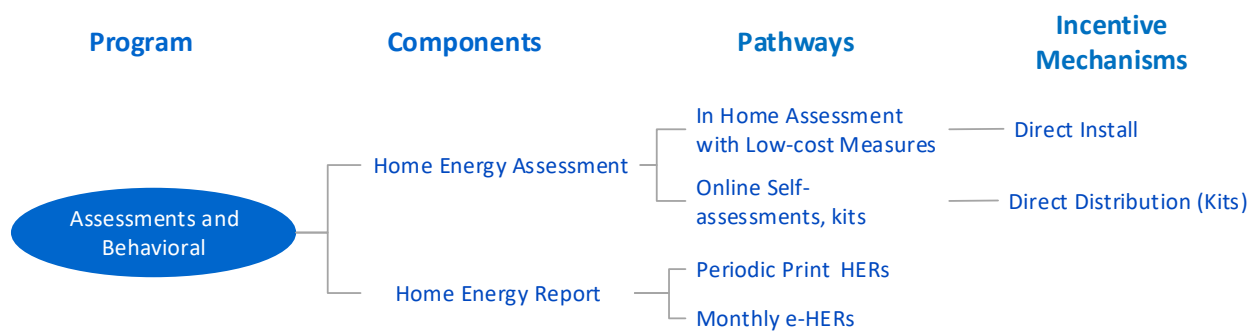
Through the Assessments and Behavioral program, customers will have a seamless journey that includes the opportunity to receive an in-person or online assessment of their home, instant energy savings through the direct installation of low-cost EWR measures, and ongoing behavioral messaging that encourages them to adopt permanent energy-efficient behaviors.

The Assessments and Behavioral program offers three distinct pathways.

- During an **In-Home Energy Assessment**, a trained analyst will conduct a visual inspection of the home, install energy-efficiency measures, and provide a customized summary report with energy-savings tips and recommendations aimed at encouraging the installation of larger EWR measures and adopting energy-efficient behaviors. The report also describes other Consumers Energy programs that can provide the customer with additional energy-saving opportunities in their EWR journey. This pathway offers distinct implementation procedures for customers depending on the fuel service delivered by Consumers Energy: a standard home energy assessment targets dual-fuel and natural gas-only customers, while the electric-only home energy assessment targets customers in the electric-only territory and is focused on electric energy-saving direct install measures and equipment upgrade recommendations.
- Consumers Energy offers an **Online Home Energy Assessment** as an option for customers to pursue a “no-touch” assessment of their homes. During an online assessment, customers enter information about their home and energy using systems through an online tool that provides participants with recommended energy-saving upgrades and tips for ongoing energy-saving behaviors. Customers may also request a customized self-install measure kit, which is delivered by mail following their assessment.
- Through the **Home Energy Report (HER)** pathway, Consumers Energy encourages customers to save energy by sending them personalized energy information (through periodic printed HERs sent through the mail and/or monthly electronic HER [eHER]) to help them understand their energy use habits and make informed decisions to reduce their energy use and costs. Behavioral science research has demonstrated that peer-based comparisons are highly motivating. The program employs this approach by comparing the energy use of each participating residence with the energy use of nearby homes of similar size. Participating customers receive targeted savings tips based on their energy-use patterns, housing characteristics, and demographics. Where applicable, the tips refer customers to other energy-efficiency programs (cross-promotion).

Consumers Energy automatically enrolls customers in the program as part of a randomized controlled trial design wherein eligible customers are randomly assigned to a treatment or control group. This approach allows Consumers Energy to measure the program’s impact on per-household energy savings. Beginning in 2020, Consumers Energy began conducting custom analyses of net per-household energy savings using customer billing data. The 2026-2029 EWR Plan savings projections rely on these custom savings values, rather than applying the deemed savings values in the Michigan Behavioral Resource Manual, as these calculations provide a more accurate estimate of actual program impacts.

ASSESSMENTS AND BEHAVIORAL



4.2.1. Objectives

Through the Assessments and Behavioral program, Consumers Energy aims to introduce customers to energy efficiency, increase their awareness of the benefits of EWR, and encourage them to use less energy and to save money on their monthly bills by providing them with personalized information on their energy use, opportunities to conserve energy in their homes, and customized energy-saving advice. In addition, Consumers Energy designed the Assessments and Behavioral program to enrich the effectiveness of the overall Residential portfolio by increasing participation and savings in additional EWR programs.

4.2.2. Customer Targets and Eligibility

The Assessments and Behavioral program targets residential homeowners throughout Consumers Energy’s service territory, regardless of the fuel type they receive from Consumers Energy. As part of its increased focus on extending support to its most vulnerable customers, Consumers Energy will use interactive geographic mapping tools developed through a LINA, aligned with MiEJScreen to increase promotional activities and participation among low- and moderate-income customers residing in zip codes primarily covered by an EJ40 census tract. Additionally, program representatives will provide information and materials on Consumers Energy’s income-qualified product offerings to customers in those areas. Table 4-5 provides customer eligibility parameters.

Table 4-5. Assessments and Behavioral Customer Eligibility Parameters

	Eligible Customers
Customer Class	Residential customer rate class ¹
Building Type	Single-family or multifamily
Building Vintage	Existing or new construction
Other	N/A

¹ As the Home Energy Report is an opt-out program, customers are not required to apply for the program but are automatically enrolled. All participants can opt out of receiving reports at any time throughout the duration of the program. The Home Energy Assessment component of the Assessment and Behavioral program is a customer opt-in program.

ASSESSMENTS AND BEHAVIORAL

4.2.3. Qualifying Measures and Incentives

In-Home Energy Assessment Participants receive free direct installation of energy-saving measures, a walkthrough energy inspection, and a customized summary report that includes energy-saving tips and recommendations. Online Home Energy Assessment customers receive a personalized energy efficiency kit with direct install measures based on their preferences and home attributes, along with a customized summary report.

The direct installation measures that are provided at no cost to customers are outlined in *Appendix A* and address end uses such as heating and cooling and water heat. All installed measures must save fuel supplied by Consumers Energy.

Consumers Energy does not provide incentives through the Home Energy Report pathway, and customers incur no direct costs. Rather, the program theory, which is based on established behavioral science, posits that by providing personalized energy conservation education, information, and strategies, customers will change their energy usage behavior, thereby producing energy savings.

4.2.4. Marketing Strategy

Consumers Energy markets both In-Home and Online Home Energy Assessments through traditional and digital media and direct outreach. Consumers Energy will conduct enhanced targeted marketing to customers located within EJ40 and low-income dominant zip codes. There are several key elements of the marketing strategy:

- Direct mail campaigns targeted to specific geographic areas
- Home Energy Reports
- Utility newsletter
- Program website
- Press releases in targeted communities
- Email messaging
- Community outreach events throughout the state
- Direct mail and email media advertising to promote and direct customers to contact the call center or visit the program website for program information and to schedule their In-Home or Online Home Energy Assessment
- Social media and digital advertising
- Neighborhood canvassing and door hangers
- Partnerships with businesses, community groups, and houses of worship

Participation Benefits

- Free visual inspection of the home
- Free direct installation of energy-saving measures such as low-flow showerheads, bathroom and kitchen aerators, water heater pipe insulation, and Wi-Fi thermostats
- Customized post-assessment report with recommended energy-saving improvements
- Ongoing education and information on behavioral actions customer can take or other EWR programs available to help them reduce their energy consumption

ASSESSMENTS AND BEHAVIORAL

Due to the opt-out nature of HER and eHER delivery, the pathway does not require any marketing. Consumers Energy automatically delivers HERs and eHERs on an opt-out basis to treatment group customers.

4.2.5. Estimated Investment

Table 4-6 provides the estimated annual investment levels for the Assessments and Behavioral program.

Table 4-6. Assessments and Behavioral Program Estimated Investment

	2026	2027	2028	2029
Electricity	\$3,798,782	\$3,801,308	\$3,804,089	\$3,806,896
Natural Gas	\$5,666,539	\$5,679,553	\$5,694,027	\$5,707,402
Total	\$9,465,321	\$9,480,861	\$9,498,116	\$9,514,298

4.2.6. Savings Targets

Table 4-7 provides energy-savings and demand reduction goals for the Assessments and Behavioral program.

Table 4-7. Assessments and Behavioral Energy-Savings Targets

	2026	2027	2028	2029
MWh	22,960	22,955	22,955	22,955
MW	0.1	0.1	0.1	0.1
Mcf	347,492	347,492	347,492	347,492

4.2.7. Benefit-Cost Results

The Assessments and Behavioral program is cost-effective from a utility cost perspective, achieving a benefit-cost ratio of 1.18.

Table 4-8 provides program cost-effectiveness results.

Table 4-8. Assessments and Behavioral Cost-Effectiveness Results

Benefit-Cost Test	Benefit-Cost Ratio
Utility Cost Test	1.18
Total Resource Cost Test	0.18
Participant Cost Test	1.23
Rate Impact Measure Test	0.52

CONTRACTOR REBATES

4.3. Contractor Rebates

Through the Contractor Rebates program, Consumers Energy produces long-term electricity and natural gas energy savings in the residential sector by educating customers about their energy use, emphasizing a holistic approach to maximize energy savings and customer benefits. The program offers incentives to customers who purchase new qualifying HVAC, windows, air sealing, and insulation measures to builders who construct single-family homes, townhomes, and duplexes that meet ENERGY STAR Version 3.1 standards or a minimum HERS rating. The program also covers manufactured housing retailers and management companies who purchase homes built above the U.S. Department of Housing and Urban Development (HUD) code baseline, that meet ENERGY STAR Certified Manufactured Homes Version 2 or the U.S. Department of Energy Zero-Energy Ready Home Manufactured Homes Version 1.³ The program consists of two pathways, detailed below:

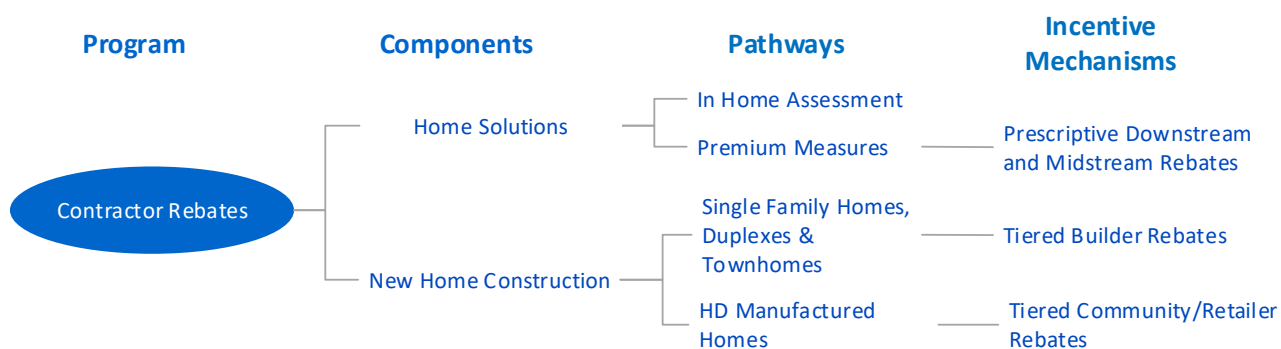
- Through the **Home Solutions** component, Consumers Energy offers whole-home assessments and premium measures.
 - The Whole Home Assessments pathway relies on a network of participating contractors who have been trained and certified in building science to deliver comprehensive home assessments. Contractors provide homeowners with a comprehensive home assessment report that has recommendations for whole-home EWR improvements, and contractors administer all the required rebate paperwork on behalf of the customer once improvements are completed and a test-out has been performed to verify the home's post-installation energy savings. Contractors provide these incentives to the customer as a discount on the project invoice or as a rebate check once eligibility has been determined following receipt of an application.
 - Through the Premium Measures pathway, Consumers Energy offers rebates to residential customers in single-family dwellings who purchase a new qualifying measure, such as a high-efficiency central air conditioning system; natural gas condensing furnace; boiler; programmable, Wi-Fi, or smart thermostat; energy-saving windows; or home insulation, or who have a comprehensive tune-up performed on their heating or cooling systems. Additionally, Consumers Energy provides distributor and manufacturer rebates for certain HVAC systems offered through the midstream delivery channel.
- Through the **New Home Construction** Component, Consumers Energy creates long-term electricity and natural gas savings by encouraging the construction of single-family homes, townhomes, duplexes, and manufactured homes that meet ENERGY STAR Version 3.1 standards or a minimum HERS rating. Homes built to higher EWR standards create multiple benefits for homeowners compared to homes built to

³ Updates to the Michigan Residential Energy Code were approved in 2024 and initially scheduled to take effect in August 2025. However, implementation of the residential codes has been suspended due to a legal challenge regarding cost-effectiveness and compliance with state law. At the time of this Plan's development, the specific timing of code updates has not been determined. Therefore, the program outlined in this Plan, and all related assumptions used to model energy savings, budgets, and cost-effectiveness, are drawn from the existing programs. Consumers Energy will review the program design and adjust its savings assumptions when the new code and any related MEMD changes take effect.

CONTRACTOR REBATES

lower energy standards, including lower long-term operating costs, better quality construction, greater comfort, and potentially higher housing value.

- Consumers Energy encourages the construction of single-family homes, townhomes, and duplexes built above the 2015 International Energy Conservation Code baseline that meet ENERGY STAR Version 3.1 standards or a minimum HERS rating.⁴ An implementation contractor recruits residential builders to participate in the program through various channels, including builder, trade, and rater associations and events, and through direct outreach to targeted home builders. Participating builders are eligible for incentives based on the home type, level of efficiency achieved above the current 2015 International Energy Conservation Code Michigan Uniform Energy Code, and fuel(s) delivered by Consumers Energy. Participating builders also receive training on high-performance building practices and how to promote the value of energy-efficient homes to their customers.
- Through the manufactured homes pathway, an implementation contractor recruits community management companies and manufactured housing retailers that purchase HUD, factory-built homes to participate in the program. Recruitment is conducted through manufacturers, trade associations, industry events, and direct outreach to targeted community management companies and retailers. Participating management companies and retailers are eligible for incentives based on the factory-built home type, level of efficiency achieved above the current Manufactured Housing Improvement Act of 2000 (under the Federal Manufactured Home Construction and Safety Standards), and fuel(s) delivered by Consumers Energy. Participating factory-built housing manufacturers, suppliers, management companies, and retailers also receive training on high-performance manufactured housing practices and strategies for promoting the value of energy-efficient, HUD-manufactured homes to their customers.



⁴ Updates to the Michigan Residential Energy Code were approved in 2024 and initially scheduled to take effect in August 2025. However, implementation of the residential codes has been suspended due to a legal challenge regarding cost-effectiveness and compliance with state law. At the time of this Plan’s development, the specific timing of code updates has not been determined. Therefore, the program outlined in this Plan, and all related assumptions used to model energy savings, budgets, and cost-effectiveness, are drawn from the existing programs. Consumers Energy will review the program design and adjust its savings assumptions when the new code and any related MEMD changes take effect.

CONTRACTOR REBATES

4.3.1. Objectives

Through the Contractor Rebates program, Consumers Energy aims to produce significant long-term electricity and natural gas energy savings in the residential sector by helping customers understand their energy use and identify conservation opportunities, as well as by providing incentives for the installation of high-efficiency weatherization measures, heating and cooling systems, and water heating equipment and by encouraging the construction of high efficiency site-built and manufactured new homes.

4.3.2. Customer Targets and Eligibility

Residential homeowners in Consumers Energy’s natural gas, electric, or dual-fuel service territory are eligible for the Contractor Rebates program. The program targets customers who are interested in understanding and implementing holistic home efficiency improvements, and those installing new HVAC equipment and weatherization upgrades, as well as manufactured housing community management companies and retailers.

As part of its increased focus on extending support to its most vulnerable customers, Consumers Energy will use interactive geographic mapping tools developed through the LINA, aligned with MiEJScreen to increase promotional activities and participation among low- and moderate-income customers residing in zip codes primarily covered by an EJ40 census tract. Program representatives will provide information and materials on Consumers Energy’s income-qualified product offerings to customers in those areas. Table 4-9 provides customer eligibility parameters.

Table 4-9. Contractor Rebates Customer Eligibility Parameters

	Eligible Customers
Customer Class	Residential customer rate class
Building Type	Single-family dwellings ¹
Building Vintage	Existing, new construction
Other	HVAC and water heating measures: the participant’s home must be individually owned and metered Insulation and windows measures: electric-only customers must have central air conditioning or electric heat

¹ For this program, single-family dwellings are defined as residential buildings with up to two individual units.

CONTRACTOR REBATES

4.3.3. Qualifying Measures and Incentives

Customers participating in the Contractor Rebates program's Home Solutions component can receive financial incentives for a range of measures that address heating, cooling, and water heating end uses as well as comprehensive tune-ups to support maximum lifetime savings through diagnostic assessments. Participants can also receive financial incentives for measures that address their home's envelope, such as windows, patio doors, and insulation, and for measures that reduce air leakage that results in energy loss. Consumers Energy provides downstream rebates for all qualifying measures as well as midstream incentives to participating equipment distributors and dealers for select measures. The Company offers incentives based on the fuel type and efficiency level of the measure installed to encourage the installation of higher-efficiency equipment.

Participation Benefits

- Comprehensive home energy assessment with diagnostic testing and customized report
- Financial incentives for measures that increase heating, cooling, building envelope, and water heating efficiency
- Incentives for new single-family homes, townhomes, duplexes, and manufactured homes that meet minimum energy-efficiency standards
- Additional incentives for solar systems and EV chargers and for building solar- or EV-ready homes
- Bonus incentives for achieving minimum air leakage levels

The Company offers program incentives to builders participating in the New Home Construction component based on achieving ENERGY STAR certification according to the current Version 3.1 standard or a minimum HERS rating of 59 or lower. Incentive levels are based on the home type, achievement of ENERGY STAR certification, HERS rating, and fuel type. To encourage deeper energy savings, Consumers Energy provides tiered incentives that increase as the home's HERS rating declines. Installed measures must save fuel supplied by Consumers Energy.

Applications can be submitted by the customer or by the contractor on the customer's behalf. Customers may receive program rebates and incentives by check, on-bill credit, installation of equipment, online payment service (e.g., PayPal), or gift card. Measures installed in garages and enclosed porches are only eligible if they are heated by the home's central heating system. Installed measures must save fuel supplied by Consumers Energy. Customers receive an additional rebate when they participate in the Made in Michigan program, which supports and promotes the local Michigan economy by specifying energy-efficiency products that are at least 50% manufactured in Michigan. Details on eligible program measures and incentive levels are outlined in *Appendix A*.

4.3.4. Marketing Strategy

Consumers Energy conducts marketing and outreach through a range of channels, targeting customers, local contractors, trade allies, builders, HERS raters, community management companies, manufactured home retailers, and HUD factory-built housing manufacturers. Consumers Energy recognizes that its trade allies have the most direct influence on customer purchasing decisions and maintains a trade ally website, where contractors can access all the necessary program information, including incentive details and downloadable rebate applications. Further, Consumers Energy recruits HVAC equipment distributor representatives to support

CONTRACTOR REBATES

the program by passing information on to the contractors they serve. The Company also markets the program directly to customers at home shows, parades of homes, open houses, and other events focused on residential site- and factory-built home construction.

Consumers Energy also uses data analytics to identify and target potential participants based on propensity scores and other data. The Company uses this information to target customers who are most likely to participate, offering promotions and outreach that leverage promotional codes (which allows the Company to track response rates).

Consumers Energy will additionally conduct enhanced targeted marketing to customers located within EJ40 and low-income dominant zip codes.

Consumers Energy uses a variety of communication channels to develop and execute multifaceted campaigns that promote program awareness and encourage customer participation. Consumers Energy will leverage the following channels to build awareness and promote the program:

Direct Marketing and Outreach to Customers

- Providing portfolio-focused email communications that include savings-driven promotions for all Consumers Energy EWR programs
- Sending strategically scheduled, seasonally appropriate direct mail postcards, bill inserts, and email promotional offers
- Providing a program website, Find-a-Contractor website tool, and online Energy Dashboard
- Offering paid media that may include print advertising and radio
- Providing Facebook video media advertising
- Offering digital marketing via search, native, and display advertising
- Promoting next-step EWR programs through the call center

Marketing and Outreach to Trade Allies

- Providing educational materials through training meetings, in-person visits, and an online order form for trade allies to share with their customers
- Meeting with contractors to discuss the program and solicit their involvement
- Offering training sessions with contractors
- Providing incentive forms and other collateral materials to HVAC contractors
- Offering marketing strategy assistance for participating contractors (e.g., co-op advertising and a contractor swatch book to help sell packages)
- Maintaining online program information and rebate applications
- Listing participating contractors on Consumers Energy's website
- Offering mass media, digital advertising, printed materials, and email outreach

CONTRACTOR REBATES

4.3.5. Estimated Investment

Table 4-10 provides the estimated annual investment levels for the Contractor Rebates program.

Table 4-10. Contractor Rebates Estimated Investment

	2026	2027	2028	2029
Electricity	\$3,751,332	\$3,809,704	\$3,873,234	\$3,959,264
Natural Gas	\$10,429,618	\$10,429,618	\$10,434,418	\$10,439,218
Total	\$14,180,950	\$14,239,322	\$14,307,652	\$14,398,482

4.3.6. Savings Targets

Table 4-11 provides energy-savings and demand reduction goals for the Contractor Rebates program.

Table 4-11. Contractor Rebates Energy-Savings Targets

	2026	2027	2028	2029
MWh	4,283	4,443	4,620	4,828
MW	1.6	1.7	1.7	1.7
Mcf	328,542	328,542	328,859	329,177

4.3.7. Benefit-Cost Results

The Contractor Rebates program is cost-effective from a utility cost perspective, achieving a benefit-cost ratio of 2.77. Table 4-12 provides program cost-effectiveness results.

Table 4-12. Contractor Rebates Cost-Effectiveness Results

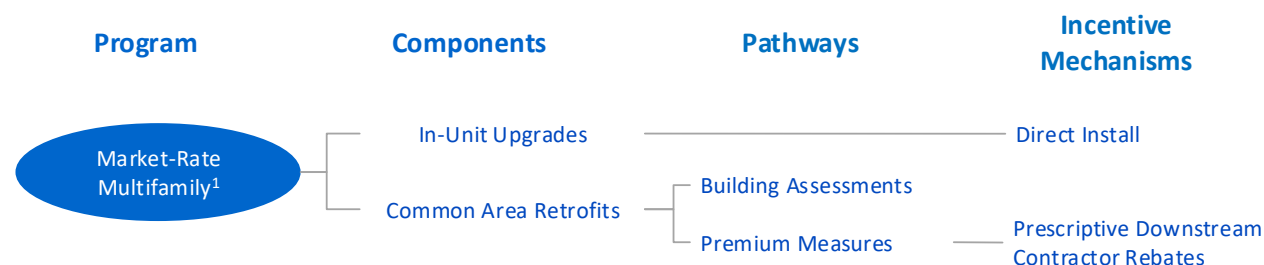
Benefit-Cost Test	Benefit-Cost Ratio
Utility Cost Test	2.77
Total Resource Cost Test	0.62
Participant Cost Test	0.86
Rate Impact Measure Test	0.73

MARKET-RATE MULTIFAMILY

4.4. Market-Rate Multifamily

Consumers Energy designed the Market-Rate Multifamily program to offer property owners a turnkey service to increase the efficiency of their multifamily properties' common areas and resident units. The Company provides free direct installation of various energy-saving devices to help reduce energy use in residents' living units and in common areas, along with incentives to property owners who purchase high-efficiency equipment measures to retrofit individual units and common areas within the property, and energy usage and conservation education. Consumers Energy provides direct install services at no cost to the property owners or residents. In addition to the products installed, program technicians leave educational materials in the individual units that explain the energy- and money-saving benefits associated with the energy-efficient measures.

By addressing the needs of both the residential and commercial spaces, the program encourages property owners to complete comprehensive energy improvements by following a whole property approach to address individual unit and common area energy savings for the entire housing complex.



4.4.1. Objectives

Through the Market-Rate Multifamily program, Consumers Energy aims to produce immediate electricity and natural gas energy savings in multifamily buildings through the direct installation of energy-saving measures in the individual living units and common areas. A second program objective is to achieve deeper energy savings by promoting comprehensive high-efficiency equipment retrofits through prescriptive and custom incentives.

4.4.2. Customer Targets and Eligibility

All property owners of multifamily buildings with three or more living units (which include apartments, condominiums, senior housing communities, and dormitories) are eligible to participate. Although the program is part of Consumers Energy's Residential portfolio, both residential and commercial metered properties meeting this criterion are eligible. As part of its increased focus on extending support to its most vulnerable customers, Consumers Energy will use interactive geographic mapping tools developed through a LINA, aligned with MiEJScreen to increase promotional activities and participation among low- and moderate-income customers residing in zip codes primarily covered by an EJ40 census tract. Additionally, program representatives will provide information and materials on Consumers Energy's income-qualified product offerings to customers in those areas. Table 4-13 provides customer eligibility parameters.

MARKET-RATE MULTIFAMILY

Table 4-13. Market-Rate Multifamily Customer Eligibility Parameters

	Eligible Customers
Customer Class	Residential customer, may include commercially metered properties ¹
Building Type	Multifamily ²
Building Vintage	Existing and new construction
Other	N/A

¹ While the program targets multifamily residential buildings, properties may have either residential and commercial meters (or both). Consumers Energy allocates program savings and costs between the residential and nonresidential sectors based on the actual meter class impacted by the measures installed.

² Consumers Energy defines multifamily properties as those having three or more living units.

4.4.3. Qualifying Measures and Incentives

Through the Market-Rate Multifamily program, Consumers Energy offers building assessments and the direct installation of energy-efficiency measures at no cost to property owners and residents to reduce both in-unit and common area energy consumption. Customers who participate in direct install receive a range of measures that provide instant energy savings (e.g., low-flow showerheads, pipe wrap, and faucet aerators), along with educational materials on the benefits of energy efficiency and ways to save.

Customers, contractors, or an approved third-party participant may receive program rebates and incentives by check, on-bill credit, installation of equipment, online payment service (e.g., PayPal), or gift card. Installed measures must save fuel that is supplied by Consumers Energy. Details on eligible program measures and incentive levels are outlined in *Appendix A*.

Participation Benefits

- Free comprehensive multifamily property energy assessment
- Free in-unit direct installation of measures such as low-flow showerheads and faucet aerators, water heater pipe wrap, and advanced power strips
- Assessment report with tailored recommendations
- Incentives for common area and in-unit equipment upgrades that address heating, cooling, water heating, and other end uses

4.4.4. Marketing Strategy

To optimize program cost-effectiveness, the implementer prioritizes the recruitment of property management companies to address multiple properties through a single point of contact, as well as owners and managers of individual properties. Messaging focuses on opportunities to save energy and maintenance costs, increase comfort, and improve safety, as well as aesthetic improvements that can lead to lower vacancy rates. There are several key marketing and outreach strategies for the Market-Rate Multifamily program:

- In-person visits by energy advisors to multifamily properties
- Targeted advertising in trade organization and association publications
- Direct outreach to property management associations and other community-based organizations that service multifamily customers to recruit for assistance with distributing information about the program through existing channels
- Promotions using the trade ally network
- Digital marketing efforts aimed at multifamily customers

MARKET-RATE MULTIFAMILY

4.4.5. Estimated Investment

Table 4-14 provides the estimated annual investment levels for the Market-Rate Multifamily program.

Table 4-14. Market-Rate Multifamily Estimated Investment

	2026	2027	2028	2029
Electricity	\$1,517,793	\$1,524,459	\$1,605,387	\$1,609,182
Natural Gas	\$1,047,773	\$1,044,945	\$1,069,724	\$1,074,173
Total	\$2,565,566	\$2,569,405	\$2,675,111	\$2,683,355

4.4.6. Savings Targets

Table 4-15 provides energy-savings and demand reduction goals for the Market-Rate Multifamily program.

Table 4-15. Market-Rate Multifamily Energy-Savings Targets

	2026	2027	2028	2029
MWh	4,759	4,804	4,901	4,952
MW	0.4	0.4	0.5	0.5
Mcf	66,273	66,209	66,084	66,084

4.4.7. Benefit-Cost Results

The Market-Rate Multifamily program is cost-effective from a utility cost perspective, achieving a benefit-cost ratio of 2.15. Table 4-16 provides program cost-effectiveness results.

Table 4-16. Market-Rate Multifamily Cost-Effectiveness Results

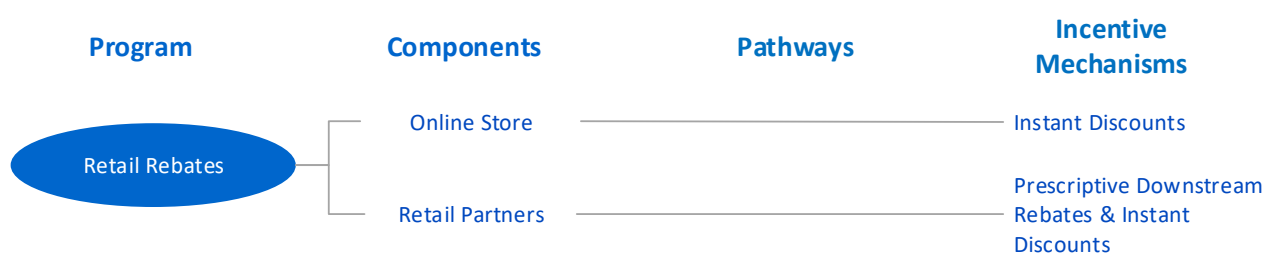
Benefit-Cost Test	Benefit-Cost Ratio
Utility Cost Test	2.15
Total Resource Cost Test	0.88
Participant Cost Test	1.11
Rate Impact Measure Test	0.83

RETAIL REBATES

4.5. Retail Rebates

Through the Retail Rebates program, Consumers Energy produces long-term electric and natural gas energy savings in the residential sector by offering rebates to customers who purchase new qualifying appliances, weatherization measures, thermostats, and more via the Consumers Energy online store, retail partner websites, or physical retail stores. The program consists of two components:

- Through the **Retail Partners** component, Consumers Energy employs a web-based and in-store promotional strategy, coupled with robust incentives and multiple participation options, to influence the purchase of high-efficiency appliances. The Company provides rebates to residential customers who purchase eligible ENERGY STAR–certified clothes washers, clothes dryers, refrigerators, freezers, bathroom fans, faucet aerators, window film insulation kits, room air conditioners, dehumidifiers, air purifiers, pool pumps, advanced power strips, low-flow showerheads, televisions, and Wi-Fi–enabled thermostats. Customers may purchase appliances through one of Consumers Energy’s retail partners and apply for rebates by mail or online, or they can receive incentives on qualifying products through instant price markdowns at select retailers. Since appliance standards, as well as the market share of high-efficiency appliances, are gradually increasing, the Company offers specific qualifying appliance models and uses targeted marketing to educate customers about the benefits of efficient products.
- Since 2021, Consumers Energy has offered its **Online Store** as a stand-alone program. Through the Online Store pathway, the Company provides instant incentives through price markdowns to customers who purchase qualified products. Consumers Energy residential customers can purchase discounted Wi-Fi thermostats, water-saving measures, advanced power strips, electronics, and small ENERGY STAR–certified appliances as well as non-rebated products (e.g., caulk) that complement EWR products. When they use the Online Store, Customers receive the convenience of an instant rebate and free shipping for purchases above a minimum order price. Customers can log into the online store by entering their name and home address and can then verify that they are eligible for incentives by entering their Consumers Energy account information. The online store also promotes the Smart Thermostat demand response program⁵ to customers who purchase qualifying thermostats.



⁵ Programs offered through Consumers Energy’s demand response portfolio are not included in this Plan.

RETAIL REBATES

4.5.1. Objectives

Through the Retail Partners and Online Store pathways, Consumers Energy aims to produce long-term energy savings in the residential sector by promoting high-efficiency home appliances and other energy-saving measures through retail partnerships and convenient online channels.

4.5.2. Customer Targets and Eligibility

The Retail Partners and Online Store pathways target residential natural gas, electric, and dual-fuel customers who purchase a new appliance or other household product. Residential rental property owners and residents are also eligible to participate. As part of its increased focus on extending support to its most vulnerable customers, Consumers Energy will use interactive geographic mapping tools developed through a LINA, aligned with MiEJScreen to increase promotional activities and participation among low- and moderate-income customers residing in zip codes primarily covered by an EJ40 census tract. Additionally, program representatives will provide information and materials on Consumers Energy’s income-qualified product offerings to customers in those areas. Table 4-17 provides customer eligibility parameters.

Table 4-17. Retail Rebates Customer Eligibility Parameters

	Eligible Customers
Customer Class	Residential customer rate class
Building Type	Single-family or multifamily
Building Vintage	Existing construction
Other	Measure must save fuel that is supplied by Consumers Energy

4.5.3. Qualifying Measures and Incentives

Customers participating in the Retail Rebates program can receive financial incentives for a range of measures that address heating, cooling, lighting, and water heating end uses. The Retail Partners and Online Store pathways offer a range of small appliances and low-cost EWR measures. Installed measures must save fuel that is supplied by Consumers Energy. Customers may receive program rebates and incentives by check, on-bill credit, installation of equipment, online payment service (e.g., PayPal), or gift card as well as instant discounts on items sold through the online store and select measures purchased through the Retail Partners pathway. Details on eligible program measures and incentive levels are outlined in *Appendix A*.

Participation Benefits

- Financial incentives for measures that increase heating, cooling, building envelope, and water heating efficiency
- Instant markdowns available in stores or from the online store
- Free shipping on online store purchases above a minimum threshold

4.5.4. Marketing Strategy

Consumers Energy’s EWR marketing team works with program managers and implementers to execute an integrated marketing strategy that includes general consumer education on the benefits of energy conservation,

RETAIL REBATES

along with program-specific marketing to motivate participation. Consumers Energy will additionally conduct enhanced targeted marketing to customers located within EJ40 and low-income dominant zip codes.

There are several key elements of the Retail Partners and Online Store pathways’ marketing strategies:

- Customer marketing through Consumers Energy’s website
- Email, bill inserts, television, and radio ads that encourage customers to visit Consumers Energy’s website to purchase measures via the online store and/or find out more about ways to save energy and money
- Hosting occasional in-store promotion events
- Digital ads, including paid search and remarketing ads, to customers who have previously visited the online store
- Access to additional non-rebated products through the online store

The website carries a strong consumer education message emphasizing the benefits of high-efficiency appliances and early replacement with ENERGY STAR–certified models (lifetime dollar savings, energy savings, water savings, and lower noise).

4.5.5. Estimated Investment

Table 4-18 provides the estimated annual investment levels for the Retail Rebates program.

Table 4-18. Retail Rebates Estimated Investment

	2026	2027	2028	2029
Electricity	\$2,085,514	\$2,101,348	\$2,117,242	\$2,133,658
Natural Gas	\$2,970,030	\$2,970,030	\$2,970,030	\$2,970,030
Total	\$5,055,544	\$5,071,378	\$5,087,272	\$5,103,688

4.5.6. Savings Targets

Table 4-19 provides energy-savings and demand reduction goals for the Retail Rebates program.

Table 4-19. Retail Rebates Energy-Savings Targets

	2026	2027	2028	2029
MWh	6,551	6,657	6,762	6,870
MW	1.0	1.0	1.0	1.0
Mcf	82,906	82,906	82,906	82,906

RETAIL REBATES

4.5.7. Benefit-Cost Results

The Retail Rebates program is cost-effective from a utility cost perspective, achieving a benefit-cost ratio of 1.64. Table 4-20 provides program cost-effectiveness results.

Table 4-20. Retail Rebates Cost-Effectiveness Results

Benefit-Cost Test	Benefit-Cost Ratio
Utility Cost Test	1.64
Total Resource Cost Test	1.26
Participant Cost Test	2.41
Rate Impact Measure Test	0.71

LOW- AND MODERATE-INCOME PORTFOLIO

5. Low- and Moderate-Income Portfolio

The Low and Moderate-Income portfolio of Consumers Energy's 2026-2029 EWR Plan includes three programs focused entirely on income-qualified customers. For the past several years, Consumers Energy has pursued a heightened focus on its income qualified customers, investing in tools to support targeting and recruitment of eligible customers, new services to help customers avoid deferrals, and partnerships and collaborative opportunities that support a broad range of additional initiatives that offer advantages to both customers and the Company. As a new initiative in this EWR Plan, Consumers Energy will formalize its Low- and Moderate-Income portfolio and deepen its commitment to income-qualified customers by increasing investment in EWR and Health and Safety offerings, expanding eligibility to reach more customers, and exploring ways to advance equitable energy solutions to new audiences.

To meet statutory requirements, Consumers Energy will increase its investment levels to allocate more than 25% of electric and 35% of gas EWR spending to income-qualified programs. Additionally, to further promote equity and reduce participation barriers, the Company will continue to offer the Health and Safety initiative (consistent with the Company's settlement agreement in Case No. U-21321) to support customers in homes requiring repairs that prevent the installation of EWR upgrades⁶.

Consumers Energy will also continue to leverage its LINA and geotargeting initiatives (which rely on census tract data and the MiEJScreen tool) to identify areas within its territory with higher concentrations of customers likely to meet eligibility criteria for income-qualified assistance and high economic burden or energy insecurity. In addition to facilitating Income-Qualified program marketing and outreach to customers, this allows the Company to more easily identify potentially eligible customers who may enter their EWR journey through a market-rate program and provide them with information on Income-Qualified program options. This data-driven approach also enables the Company to streamline income verification, easing administrative burden, improve access for underserved communities, and extend enhanced benefits and incentives to households that might otherwise be overlooked, deepening our reach into underserved communities.

In addition to serving households meeting the historic low-income threshold of up to 300% of the FPL, the Company is introducing a second tier, backed by additional investment, that will extend benefits to moderate-income customers earning between 301% and 400% of FPL—an underserved group with limited access to resources who may be unaware they qualify for additional support. By layering support through the Income-Qualified program, Consumers Energy can tailor resources to promote long-term energy affordability, stability, and well-being for those who need it most.

As part of its ongoing efforts to advance equitable energy solutions, Consumers Energy is exploring ways to expand its Income-Qualified Program to include small business entities operating in EJ40 communities,⁷ and

⁶ Residential Health and Safety investment and savings are split proportionally between the Income-Qualified Single Family and Multifamily programs based on the share of savings for each fuel type.

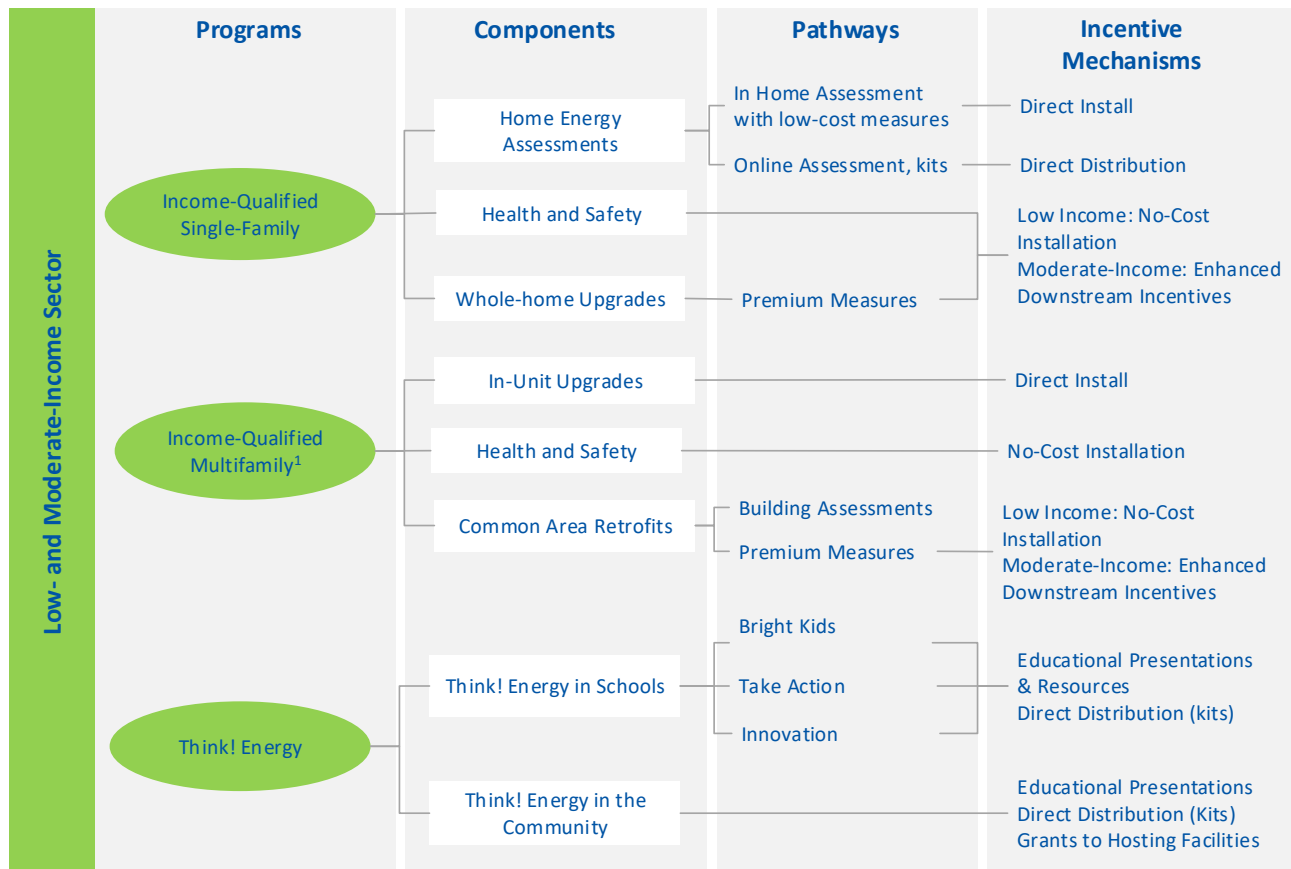
⁷ Although Consumers Energy considers this Small Business Income-Qualified initiative to be part of its Low- and Moderate-Income portfolio, savings and costs have been allocated to the Small Business program.

LOW- AND MODERATE-INCOME PORTFOLIO

non-profits, community action agencies, and other community-based organizations that support low-income and underserved populations. These partners play a vital role in supporting local communities, and many operate in facilities that would benefit significantly from EWR upgrades. By broadening our program’s scope, the Company aims to strengthen its relationships with these organizations and create opportunities to braid funding sources to facilitate comprehensive energy efficiency projects. This approach ensures that the facilities serving the most vulnerable populations receive the same level of support as residential customers, fostering a more inclusive and sustainable energy future for all.

The portfolio offers services to customers in single-family and multifamily homes and provides energy education through schools and community centers within MiEJ40 areas. Figure 5-1 depicts Consumers Energy’s residential low- and moderate-income portfolio structure. The remainder of this section provides detailed descriptions of each low- and moderate-income program, along with energy-savings estimates, budgets, and cost-effectiveness analysis results.

Figure 5-1. Low- and Moderate-Income Portfolio Structure



¹ Costs incurred and savings obtained are allocated based on the customer meter.

INCOME-QUALIFIED SINGLE FAMILY

5.1. Income-Qualified Single-Family

Operating under the Consumers Energy Helping Neighbors program brand, the Income-Qualified program supports both low- and moderate-income customers in single-family homes to reduce their energy bills. Low-income customers are defined as those whose incomes are at or below 300% of the FPL or 80% of the area median income. Moderate-income customers are those whose incomes fall between 301% and 400% of the FPL. Consumers Energy will provide tiered support based on where customers' income level falls within the FPL to ensure equitable access to resources. Low-income households receive Consumer Energy's most comprehensive support, including health and safety upgrades, free energy efficiency upgrades, full payment assistance, and no-cost installation of premium measures. Moderate-income households qualify for a tailored set of benefits, including enhanced incentives and reduced-cost services that still deliver meaningful energy savings with minimal customer burden. This tiered approach allows the Company to serve a broad spectrum of households while focusing the most impactful resources on those with the greatest need.

To accomplish this, Consumers Energy provides tailored home weatherization assistance, installation of energy-efficient measures, and education about how to conserve energy and manage utility costs, based on the customer's fuel service (electric-only, natural gas-only, or dual fuel). For each participant, Consumers Energy either funds 100% of the service and measure costs provided through the program (non-leveraged measures) or shares the cost with other organizations that deliver program services (leveraged measures). This coordination with other community organizations is a cornerstone of the Company's Income-Qualified program that extends its ability to offer comprehensive program services at lower administrative costs.

Income-Qualified Single Family Program Highlights

In addition to its standard Income-Qualified program offerings, Consumers Energy conducts several targeted efforts to support low-income customers.

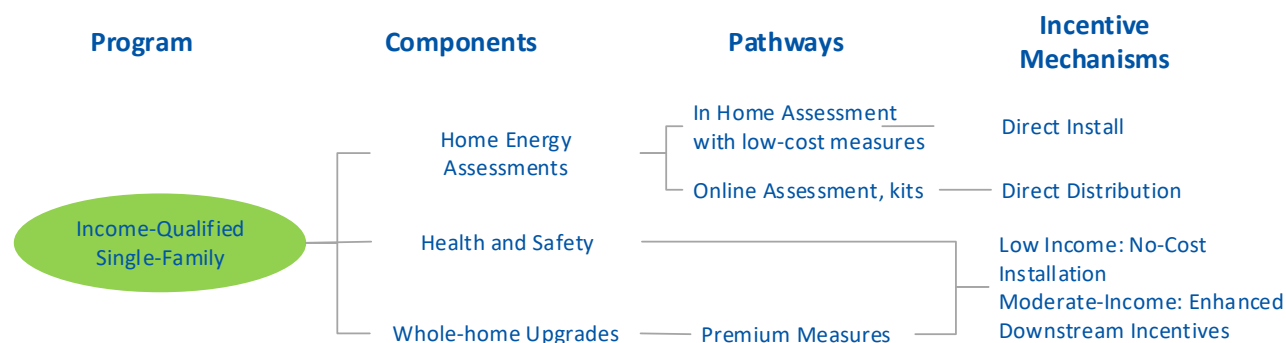
- The [Manufactured Homes initiative](#) supports mobile home customers by providing direct install measures, duct system improvements, and envelope efficiency upgrades.
- The [Community Distribution Partnership](#) is a collaboration with existing community assistance networks to provide qualified households with energy-efficiency measures such as window film installation kits.
- Through partnerships with over 45 [local nonprofit organizations](#), Consumers Energy leverages funds for comprehensive whole-house weatherization for single-family customers.
- Consumers Energy partners with [over 70 nonprofit organizations](#) to install home weatherization for income-qualifying customers.
- Through [Agency Rewards](#) Consumers Energy offers financial incentives to organizations that direct customers into the Income-Qualified program and schedule their initial appointment.
- Consumers Energy [partners with cities](#) to provide braided funding for EWR projects, allowing these city partners to enhance their customer offerings.
- Consumers Energy works with community action agencies to offer services to customers who are at or below [300% of the FPL](#). This supports customers whose income exceeds the standard threshold but who do not have the financial means to invest in high-efficiency equipment.

INCOME-QUALIFIED SINGLE FAMILY

The Company provides Income-Qualified program services through three program components:

- Through **Home Energy Assessments**, Consumers Energy provides in-home energy assessments along with the direct installation of water-saving devices, HVAC controls, and carbon monoxide detection (on-site testing and monitoring with the installation of a carbon monoxide alarm). The technician who conducts the assessment also provides a home energy assessment report with recommendations that are reinforced with verbal coaching. The home energy assessment is the main entry point for single-family customers to participate in the Premium Measures pathway and achieve deeper savings. During a virtual assessment, the program analyst engages with the customer through a video call and provides participants with a customized self-install measure kit they can self-install following their assessment.
- Through the **Health and Safety** component, Consumers Energy provides financial assistance to help customers overcome health and safety deferrals that prevent them from making energy-efficiency improvements. Services include mold remediation; asbestos abatement; roof repair or replacement; fixing structural, electrical, or plumbing issues; addressing inadequate electric panels; and addressing accessibility and egress issues, among others. The Company works with agencies and contractors to identify customers who have deferred an EWR project due to health or safety concerns; these contractors then remedy the concern and implement the energy-efficiency upgrade.
- Through the **Premium Measures** program component, Consumers Energy provides no-cost installation of more substantial energy-savings measures that help lower participants' energy cost burden and improve the comfort, health, and safety of their homes. Premium measures include air conditioners, furnaces, boilers, or refrigerator replacement; cold-climate heat pump installation; conditioner or furnace tune-up; attic, wall, floor, or manufactured housing belly insulation; and air or duct sealing. The technician provides blower door testing and installs premium measures recommended during the Virtual or In-Home Energy Assessment.

In addition to its standard program pathways, Consumers Energy offers Income-Qualified program services through several targeted partnerships and focus areas (described in the call-out box above).



5.1.1. Objectives

Through the Income-Qualified Single-Family program, Consumers Energy aims to provide low- and moderate-income customers with home weatherization and energy-efficient equipment upgrades at no cost. The program

INCOME-QUALIFIED SINGLE FAMILY

also strives to provide health and safety benefits to its most vulnerable customers, enabling them to benefit from the installation of EWR measures. Additionally, the Company provides energy-efficiency education to help participants reduce their energy use and better manage their energy bills over the long term.

5.1.2. Customer Targets and Eligibility

The Income-Qualified Single-Family program targets Consumers Energy customers who meet specific income thresholds or qualify for federal poverty assistance. To participate in the program, a customer must be an active Consumers Energy electricity, natural gas, or dual-fuel account holder. Customers who live in a rental property must obtain property owner consent (written or verbal) for the technician to enter the home and install any measures. Table 5-1 provides customer eligibility parameters.

Table 5-1. Income-Qualified Single-Family Customer Eligibility Parameters

	Eligible Customers
Customer Class	Residential customer rate class
Building Type	Single-family ¹ and manufactured home
Building Vintage	Existing
Other	Low Income: Household income at or below 300% of the FPL or up to 80% of the area median income; tenants of rental properties must obtain owner’s approval Moderate Income: Household income between 301% up to 400% of the FPL.

¹ For this program, single-family dwellings are defined as residential buildings with up to four individual units.

5.1.3. Qualifying Measures and Incentives

The Income-Qualified Single-Family program assists limited-income customers with free home repairs, home weatherization, and energy-efficient equipment upgrades, as well as energy usage and conservation education. Customers who participate receive a free home energy assessment and direct installation of a range of measures that provide instant energy savings, a customized energy report with improvement recommendations, home repairs to address critical safety concerns, remediation actions for customers with health conditions such as asthma, and more substantial energy-saving equipment and weatherization services as recommended by the site technician.

Participation Benefits

- Free comprehensive home energy assessment
- Free direct installation of measures such as low-flow showerheads and faucet aerators, water heater pipe wrap, and advanced power strips
- Health and safety repairs
- Assessment report with tailored recommendations
- Free equipment upgrades (or enhanced incentives) for heating, cooling, water heating, lighting, and other end uses

The Company designed the Income-Qualified Single-Family program to address each home’s individual needs. Homes can receive a variety of health and safety, weatherization, and equipment upgrades based on the program technician’s recommendations. All measures are provided at no cost to customers. Installed measures must save fuel supplied by Consumers Energy. Details on eligible program measures and incentive levels are outlined in *Appendix A*.

INCOME-QUALIFIED SINGLE FAMILY

5.1.4. Marketing Strategy

Marketing messages for the Income-Qualified Single-Family program highlight initiatives within the Income-Qualified portfolio to reach the target market for each initiative. Consumers Energy employs several outreach methods to engage customers and market the program:

- Participation in community events
- Advertising to engage customers in their daily routines (e.g., at bill payment centers and neighborhood centers)
- Targeted email campaigns
- Bill inserts
- Press releases
- Distribution of marketing collateral to engage customers and reinforce energy-saving messages, including brochures, posters, yard signs, door hangers, newsletters, articles, and thank-you postcards
- Promote the use of healthy building materials, specifically training and educating trade allies on the use of healthy insulation and air-sealing materials
- Promote energy assistance to customers in arrears, including Consumers Affordable Resource for Energy, Home Heating Credit, and State Emergency Relief recipients
- Leverage data analytics and geotargeting to market to communities most likely to benefit from the program (emphasizing customers in Flint and Kalamazoo, as described below).

Consumers Energy will leverage its LINA and the associated geotargeting analysis to continue the targeted outreach launched in Flint in 2023 and expand it to include Kalamazoo using the established protocol. The Company commissioned the development of an interactive tool that allows it to analyze opportunities and address the specific needs of communities within its service territory through a geographically targeted approach. The LINA tool includes a custom needs-scoring and scenario modeling system that allows Consumers Energy to dynamically explore geographic relationships between demographics (e.g., poverty level, renters, households with children or seniors), energy burden as a percent of income, building characteristics (e.g., homes with electric heat), and environmental data (i.e., located in EJ40 communities) with historical program participation to identify and prioritize communities based on needs. The tool enables Consumers Energy to conduct more strategic outreach and tailor programs to focus on the specific needs of the communities served.

In 2025, Consumers Energy launched a second geotargeted initiative in Kalamazoo (the Count on Us campaign in zip codes 49001, 49007, and 49048), applying lessons learned from Flint to expand equitable access to energy efficiency resources in another high-need community. This continued focus on geotargeting ensures the delivery of deeper, more impactful services to customers who need them most. The Kalamazoo Initiative incorporates the LINA prioritization scenarios and leverages a coordinated community approach with partners including Kalamazoo County and Community Homeworks, medical providers, neighborhood organizations, and the Company's Think! Energy EWR and energy assistance programs.

INCOME-QUALIFIED SINGLE FAMILY

The Kalamazoo initiative focuses on promoting the Company’s full suite of income-qualified services, including health and safety interventions, and whole-home weatherization improvements with an emphasis on air sealing and insulation measures.

In the 2026-2029 EWR cycle, Consumers Energy will continue to leverage the LINA tool to identify two to three additional communities with high priority needs and will work with community stakeholders through a standardized engagement process to determine the most appropriate location for the next geotargeting initiatives in Consumers Energy territory.

5.1.5. Estimated Investment

Table 5-2 provides the estimated annual investment levels for the Income-Qualified Single-Family program.

Table 5-2. Income-Qualified Single-Family Estimated Investment

	2026	2027	2028	2029
Electricity	\$17,473,333	\$18,757,131	\$19,413,502	\$19,962,014
Natural Gas	\$22,084,294	\$22,288,261	\$23,045,071	\$23,828,711
Total	\$39,557,626	\$41,045,392	\$42,458,573	\$43,790,725

5.1.6. Savings Targets

Table 5-3 provides energy-savings and demand reduction goals for the Income-Qualified Single-Family program.

Table 5-3. Income-Qualified Single-Family Energy-Savings Targets

	2026	2027	2028	2029
MWh	737,816	748,747	759,374	781,313
MW	1.6	1.7	1.6	1.6
Mcf	737,816	748,747	759,374	781,313

5.1.7. Benefit-Cost Results

The Income-Qualified Single-Family program is cost-effective from a utility cost perspective, achieving a benefit-cost ratio of 2.54. However, the program is excluded from the benefit-cost analysis at the portfolio level because its primary purpose is to ensure that income-qualified customers (who often face a higher energy burden, are in less-efficient homes, and have less ability to invest in EWR) can participate in and benefit from EWR programs.

Table 5-4 provides program cost-effectiveness results.

Table 5-4. Income-Qualified Single-Family Cost-Effectiveness Results

Benefit-Cost Test	Benefit-Cost Ratio
Utility Cost Test	2.54
Total Resource Cost Test	2.54
Participant Cost Test	-
Rate Impact Measure Test	0.72

INCOME-QUALIFIED MULTIFAMILY

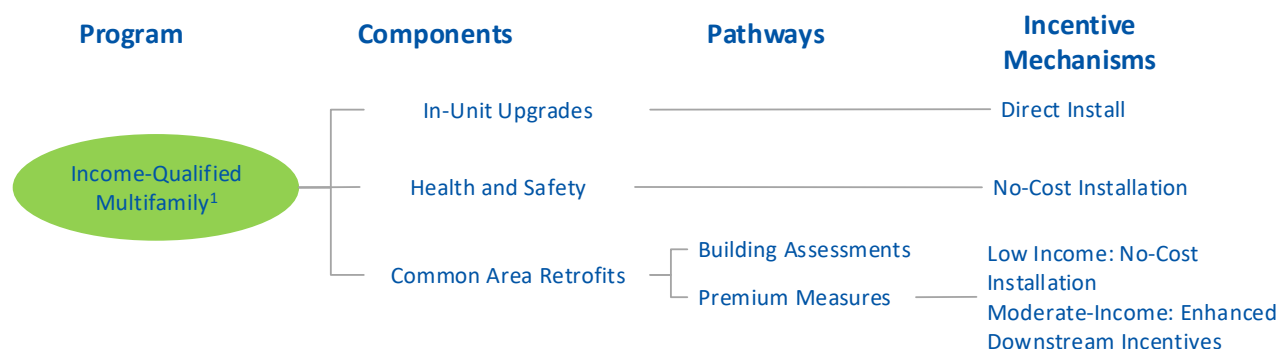
5.2. Income-Qualified Multifamily

Consumers Energy designed the Income-Qualified Multifamily program to offer property owners a turnkey service for increasing the efficiency of their income-qualified properties' common areas and resident units. Low- and moderate-income-qualified properties are eligible for higher equipment incentives than those provided through the Market-Rate Multifamily program. The Company provides Income-Qualified program services through three program components:

- To help reduce energy use in residents' living units, the Company provides **in-unit upgrades** through the direct installation of various energy-saving devices and incentives to property owners who install high-efficiency equipment measures in individual units. Consumers Energy will continue to offer free or discounted cold-climate heat pumps to customers with electric heating systems (contingent upon satisfying certain requirements). In addition to the products installed, program technicians leave educational materials in the individual units that explain the energy- and money-saving benefits associated with the energy-efficient measures, address cold-climate adoption barriers, and increase awareness of the benefits of heat pump technology when beneficial for customers.
- Through the **Health and Safety** component, Consumers Energy provides financial assistance to help customers overcome health and safety deferrals that prevent them from making energy-efficiency improvements. Services include mold remediation; asbestos abatement; roof repair or replacement; fixing structural, electrical, or plumbing issues; addressing inadequate electric panels; and addressing accessibility and egress issues, among others. The Company works with agencies and contractors to identify customers who have deferred an EWR project due to health or safety concerns; these contractors then remedy the concern and implement the energy-efficiency upgrade.
- The Company provides **common area retrofits** through both direct installation of low-cost energy-saving devices and incentives to property owners who invest in high-efficiency equipment retrofits in common areas. Program technicians also provide energy usage and conservation education to property owners.

The Income-Qualified Multifamily program is—and will continue to be—a core pillar of Consumers Energy's geotargeting initiative and the Company will extend the efforts in Flint and Kalamazoo (as outlined in Section 5.1 above) to multifamily properties. By addressing the needs of both the residential (individual units) and commercial (common areas) spaces, the program encourages property owners to complete comprehensive energy improvements using a whole property approach for the entire housing complex.

INCOME-QUALIFIED MULTIFAMILY



¹ Costs incurred and savings obtained are allocated based on the customer meter.

5.2.1. Objectives

Through the Income-Qualified Multifamily program, Consumers Energy aims to produce immediate electricity and natural gas energy savings in income-qualified multifamily buildings through the direct installation of energy-saving measures in individual living units and common areas. Additionally, the program strives to achieve deeper energy savings through the promotion of comprehensive high-efficiency equipment retrofits through prescriptive and custom projects.

5.2.2. Customer Targets and Eligibility

Consumers Energy uses interactive mapping tools developed through the LINA and aligned with MiEJScreen⁸ to target potential participants for the Income-Qualified Multifamily program. All multifamily properties (e.g., apartments, condominiums, senior housing communities, and dormitories) in which at least 66% of residents live at or below 300% of the FPL or 80% of the area median income are eligible to receive comprehensive services and support through the Income-Qualified Multifamily program. Properties with a similar proportion of moderate-income residents, or those with incomes between 301% and 400% of the FPL are eligible for enhanced incentives. Table 5-5 provides customer eligibility parameters.

⁸ [MiEJScreen](#) is an interactive mapping tool, sponsored by the Michigan Department of Environment, Great Lakes, and Energy, that identifies Michigan communities that may be disproportionately impacted by environmental hazards.

INCOME-QUALIFIED MULTIFAMILY

Table 5-5. Income-Qualified Multifamily Customer Eligibility Parameters

	Eligible Customers
Customer Class	Residential customer, may include commercially metered facilities ¹
Building Type	Multifamily ²
Building Vintage	Existing and new construction
Other	Low Income: At least two-thirds of residents are income-qualified (with a household income at or below 300% of the FPL or up to 80% of the area median income) Moderate Income: Household income between 301% up to 400% of the FPL.

¹ While the program targets multifamily residential buildings, properties may have either residential and commercial meters (or both). Consumers Energy allocates program savings and costs between the residential and nonresidential sectors based on the actual meter class impacted by the measures installed.

² Consumers Energy defines multifamily properties as those having three or more living units.

5.2.3. Qualifying Measures and Incentives

Through the Income-Qualified Multifamily program, Consumers Energy offers property owners and residents the direct installation of energy-efficiency measures to reduce in-unit and common area energy use at no cost. Customers who participate receive a range of measures that provide instant energy savings (e.g., low-flow showerheads, pipe wrap, and faucet aerators), along with health and safety interventions and educational materials on the benefits of energy efficiency and ways to save.

Additionally, the Company offers prescriptive and custom energy-saving measures for common areas in multifamily complexes, with higher incentives than those available through the Market-Rate Multifamily program for qualifying properties. Equipment upgrades are recommended by an Energy Advisor who conducts an energy assessment of the property. Installed measures must save fuel supplied by Consumers Energy. Customers, contractors, or an approved third-party participant may receive program rebates and incentives by check, on-bill credit, installation of equipment, online payment service (e.g., PayPal), or gift card. Details on eligible program measures and incentive levels are outlined in *Appendix A*.

Participation Benefits

- Free comprehensive multifamily property energy assessment
- Free in-unit direct installation of measures such as low-flow showerheads and faucet aerators, water heater pipe wrap, and advanced power strips
- Assessment report with tailored recommendations
- Health and safety repairs
- Free common area equipment upgrades that address heating, cooling, water heating, lighting, and other end uses

INCOME-QUALIFIED MULTIFAMILY

5.2.4. Marketing Strategy

To optimize program cost-effectiveness, the implementer prioritizes the recruitment of income-qualified property management companies to address multiple properties through a single point of contact, as well as owners and managers of individual properties. Program messaging promotes opportunities to save energy and maintenance costs, increase comfort, and improve safety, as well as aesthetic improvements that can lead to lower vacancy rates. There are several key marketing and outreach strategies for the Income-Qualified Multifamily program:

- In-person visits by energy advisors to income-qualified properties with three or more units
- Targeted advertising in trade organization and association publications
- Direct outreach to property management associations and other community-based organizations that service multifamily customers to recruit them to assist with distributing information about the program through existing channels
- Promotions using the trade ally network
- Digital marketing efforts aimed at multifamily customers
- Leverage data analytics and geotargeting to market to communities most likely to benefit from the program (emphasizing customers in Flint and Kalamazoo, as described in detail in Section 5.1.4).

5.2.5. Estimated Investment

Table 5-6 provides the estimated annual investment levels for the Income-Qualified Multifamily program.

Table 5-6. Income-Qualified Multifamily Estimated Investment

	2026	2027	2028	2029
Electricity	\$16,950,150	\$17,269,700	\$17,476,254	\$17,582,366
Natural Gas	\$8,617,972	\$8,528,589	\$8,700,925	\$8,711,731
Total	\$25,568,122	\$25,798,290	\$26,177,179	\$26,294,096

5.2.6. Savings Targets

Table 5-7 provides energy-savings and demand reduction goals for the Income-Qualified Multifamily program.

Table 5-7. Income-Qualified Multifamily Energy-Savings Targets

	2026	2027	2028	2029
MWh	17,688	18,213	18,408	18,281
MW	1.2	1.2	1.3	1.3
Mcf	70,748	68,140	66,680	66,231

INCOME-QUALIFIED MULTIFAMILY

5.2.7. Benefit-Cost Results

The Income-Qualified Multifamily program is not cost-effective from a utility cost perspective, achieving a benefit-cost ratio of 0.67. However, the program is excluded from the benefit-cost analysis because its primary purpose is to ensure that income-qualified customers (who often face a higher energy burden, are in less-efficient homes, and have less ability to invest in EWR) can participate in and benefit from EWR programs. Table 5-8 provides program cost-effectiveness results.

Table 5-8. Income-Qualified Multifamily Cost-Effectiveness Results

Benefit-Cost Test	Benefit-Cost Ratio
Utility Cost Test	0.67
Total Resource Cost Test	0.79
Participant Cost Test	1.96
Rate Impact Measure Test	0.46

THINK! ENERGY

5.3. Think! Energy

Through Think! Energy, an energy-efficiency education program, Consumers Energy encourages actions to reduce home energy use and increase energy efficiency. In the 2026-2029 EWR Plan cycle, Consumers Energy will focus 100% of program services and resources on EJ40 communities and those with high proportions of income-qualified customers based on its geographic mapping tools. The Think! Energy program offers two program components, each with several targeted pathways:

- Through the **Think! Energy in Schools** component, the Company provides energy-efficiency presentations⁹ and take-home kits that include information about saving energy along with several low-cost measures that can help customers reduce their electricity, natural gas, and water use and enhance customer safety. Prior to the in-class or virtual presentation, teachers distribute a letter to parents that explains the program and instructs parents to contact the teacher if they do not want to receive the kit. The program educational resources include posters, study guides, curricula, and presentations provided to participating teachers, as well as an age-appropriate Family Activity Guide with activities families can complete at home to save energy and a Home Energy Worksheet so students can indicate which kit measures they installed. Consumers Energy also provides teachers with mini-grants of \$100 to \$150 for returning Home Energy Worksheets to the program implementer.

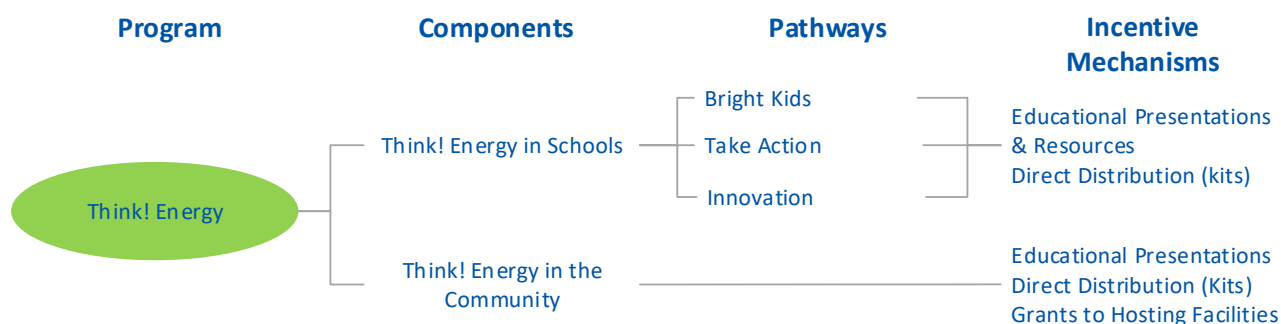
Consumers Energy sponsors the Think! Energy in Schools component in areas where it provides both electric and natural gas service and collaborates with DTE Energy, Efficiency United, the Lansing Board of Water & Light, and the SEMCO ENERGY Gas Company to offer the program in shared service territories where it provides only natural gas or electric service.

There are three targeted pathways within this program component:

- The new **Bright Kids** initiative targets second- and third-grade students.
- The **Take Action** initiative targets fourth- through sixth-grade students.
- The **Innovation** initiative targets seventh- through twelfth-grade students.
- Through the **Think! Energy in the Community** component, Consumers Energy provides energy outreach, education, and EWR measures to senior citizens and community groups. Through this pathway, the program implementation contractor coordinates with senior centers, recreational centers, and support services centers in Consumers Energy territory to provide in-person or virtual presentations on using energy efficiently, safely, and wisely. Those who participate in the presentations receive a free take-home kit containing EWR measures such as window insulation kits, door weatherstripping, water heater pipe wrap, a showerhead, and kitchen and bathroom faucet aerators. Consumers Energy also provides hosting facilities with a grant of \$250 to \$500 based on the number of kits distributed.

⁹ Presentations can be live or virtual based on teacher preference.

THINK! ENERGY



5.3.1. Objectives

Through the Think! Energy program, Consumers Energy aims to increase customers’ energy efficiency literacy and influence its customers to take actions that can reduce their home energy use and increase efficiency.

5.3.2. Customer Targets and Eligibility

The Think! Energy program targets students and community centers throughout the Consumers Energy dual-fuel and single-fuel service territories. In areas where Consumers Energy supplies only one fuel, the program is delivered in collaboration with the utility providing the corresponding fuel. Table 5-9 provides customer eligibility parameters.

Table 5-9. Think! Energy Customer Eligibility Parameters

	Eligible Customers
Customer Class	Residential customer rate class
Building Type	Single-family or multifamily
Building Vintage	Existing or new construction
Other	Students in schools located in EJ40 communities in Consumers Energy territory and their families Senior citizens and other clients of community service centers located in EJ40 communities

5.3.3. Qualifying Measures and Incentives

Consumers Energy provides energy education coupled with take-home kits containing measures that address hot water energy consumption, air leakage, and electrical consumption, such as advanced power strips, faucet aerators, weatherstripping, low-flow showerheads, pipe wrap, and window insulation kits. Consumers Energy customizes the kit contents for each target population and provides all measures at no cost to customers.

Participation Benefits

- Educational resources including posters, study guides, curricula, and classroom presentations
- Take-home kits containing a range of energy-saving measures
- Mini-grants for participating teachers

Consumers Energy offers up to \$100 for each elementary classroom and \$150 to each secondary classroom that participates in the program: \$50 is provided for distributing kits, with additional funds available for the return of

THINK! ENERGY

the Home Energy Worksheet, a take-home survey about the program experience. Details on eligible program measures and incentive levels are outlined in *Appendix A*.

5.3.4. Marketing Strategy

The program implementor coordinates marketing through emails, follow-up calls, and direct mail letters sent to community centers, school districts, and past participating teachers within Consumers Energy’s service territory.

5.3.5. Estimated Investment

Table 5-10 provides the estimated annual investment levels for the Think! Energy program.

Table 5-10. Think! Energy Estimated Investment

	2026	2027	2028	2029
Electricity	\$1,127,395	\$1,037,776	\$1,041,389	\$1,051,512
Natural Gas	\$947,321	\$952,807	\$957,183	\$970,918
Total	\$2,074,716	\$1,990,584	\$1,998,572	\$2,022,430

5.3.6. Savings Targets

Table 5-11 provides energy-savings and demand reduction goals for the Think! Energy program.

Table 5-11. Think! Energy Energy-Savings Targets

	2026	2027	2028	2029
MWh	6,826	5,458	5,458	5,458
MW	0.5	0.5	0.5	0.5
Mcf	83,235	83,235	83,235	83,235

5.3.7. Benefit-Cost Results

The Think! Energy program is cost-effective from a utility cost perspective, achieving a benefit-cost ratio of 4.25. However, the program is excluded from the benefit-cost analysis because its primary purpose is to ensure that income-qualified customers (who often face a higher energy burden, are in less-efficient homes, and have less ability to invest in EWR) can participate in and benefit from EWR programs. Table 5-12 provides program cost-effectiveness results.

Table 5-12. Think! Energy Cost-Effectiveness Results

Benefit-Cost Test	Benefit-Cost Ratio
Utility Cost Test	4.25
Total Resource Cost Test	1.57
Participant Cost Test	-
Rate Impact Measure Test	0.88

BUSINESS PORTFOLIO

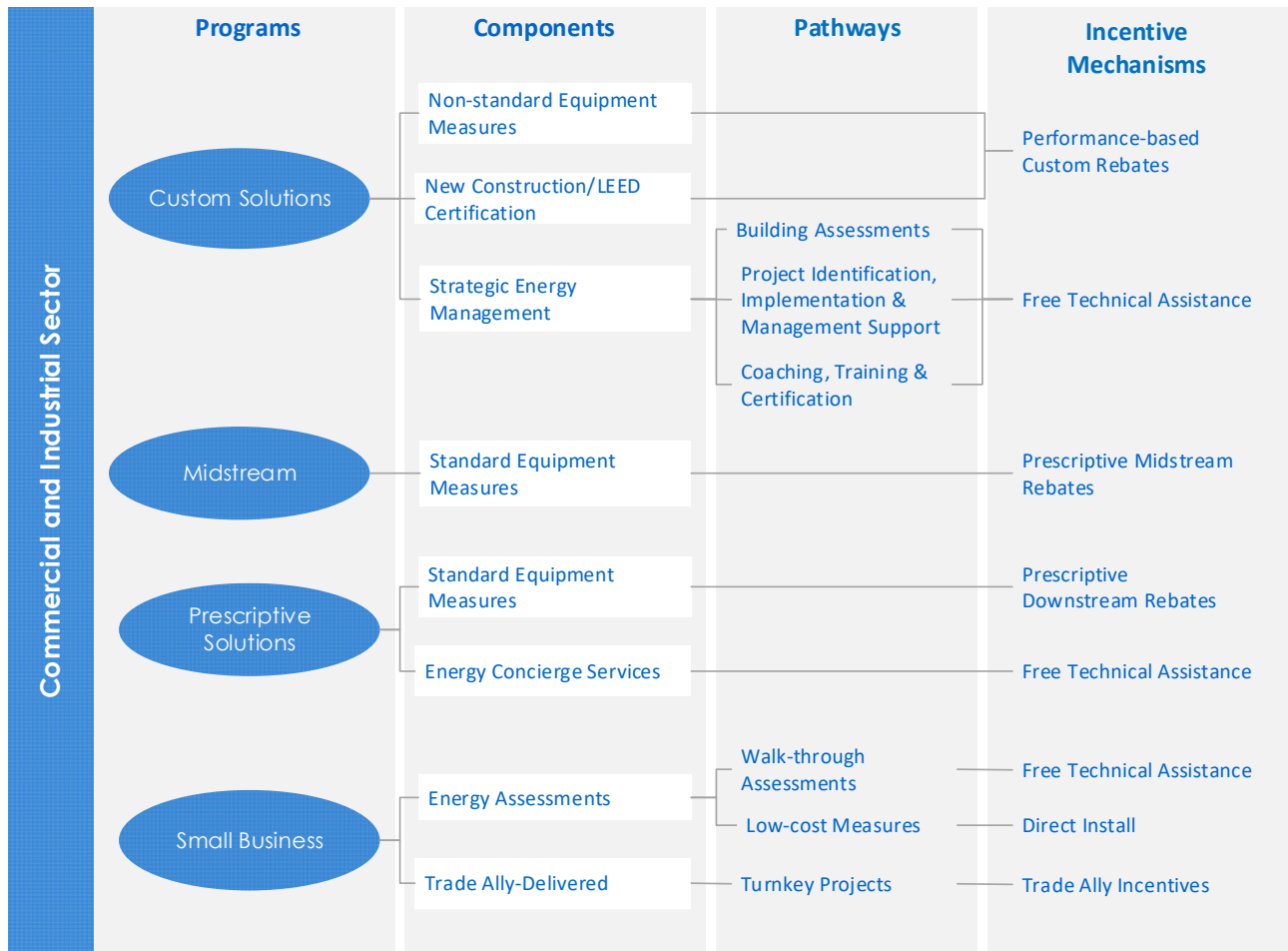
6. Business Portfolio

The Business portfolio of Consumers Energy's 2026-2029 EWR Plan consists of four broad programs designed to provide large commercial and industrial and SMB business customers with a range of opportunities to reduce their electricity and natural gas usage. The portfolio offers two programs targeting large commercial and industrial customers—Prescriptive and Custom Solutions—and one comprehensive program targeting SMB customers, as well as one program—Midstream—targeting all commercial customer sectors. This structure will enable Consumers Energy to fine-tune its delivery strategies to be targeted and relevant for each business sector. Distinguishing the Prescriptive and Custom Solutions programs for the large commercial and industrial sector allows for increased customer visibility and tailored strategies that reflect the nuances of these distinct offerings. The Small Business program is designed to enable various participation pathways for increased accessibility in this hard-to-reach segment. The Business portfolio has traditionally provided a significant share of the total EWR benefits, reflective of the size and breadth of the business sector.

Figure 6-1 depicts Consumers Energy's business portfolio structure. The remainder of this section provides detailed descriptions of each business program, including objectives, implementation strategy energy-savings estimates, budgets, and cost-effectiveness results.

BUSINESS PORTFOLIO

Figure 6-1. Business Portfolio Structure

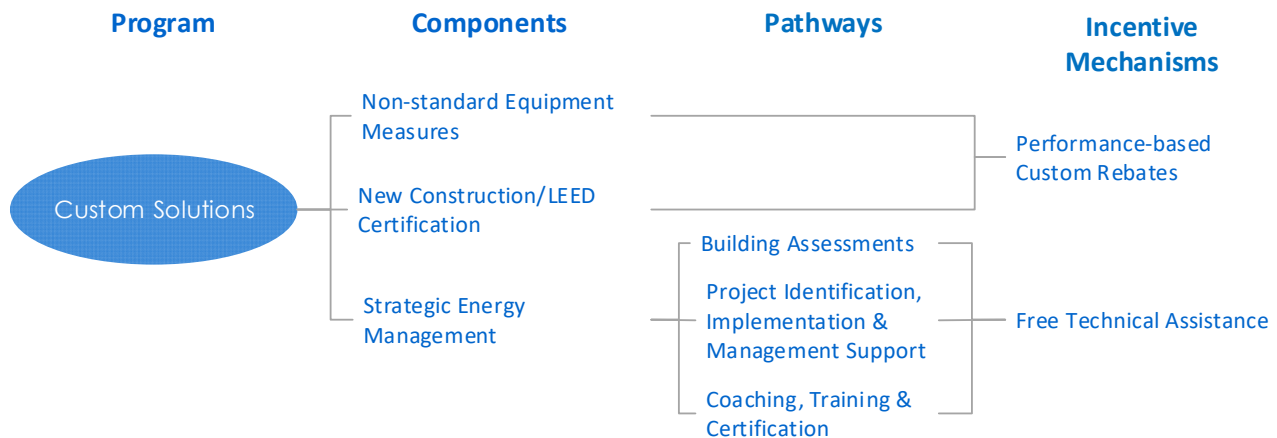


CUSTOM SOLUTIONS

6.1. Custom Solutions

The Custom Solutions program targets customers in Consumers Energy’s large commercial and industrial sector, as well as those engaged in new construction projects. Through the Custom Solutions program, the Company assists larger commercial and industrial customers with analyzing and selecting high-efficiency equipment or process improvements that are not covered under the Prescriptive program and constructing new commercial buildings that are more efficient than their standard construction counterparts. Consumers Energy provides incentives for installed measures based on the energy saved. The program has three components:

- Through the **nonstandard equipment measures** component, Consumers Energy helps customers identify more complex energy-savings projects, provides economic analysis, and aids with completing the incentive application for measures that are not included in the Prescriptive Solutions program.
- Through the **new construction/LEED certification** component, the Company offers incentives to commercial and industrial customers that pursue LEED (Leadership in Energy and Environmental Design) certification for their new construction projects.
- Through **strategic energy management** (SEM), the Company helps its large customers integrate energy management into their permanent business practices through a range of tools including technical assistance; energy audits and/or building assessments; benchmarking support; energy performance target setting; project identification, implementation, and management support; energy coaching, training, and certification (where applicable); and development of a customer-managed energy team.



6.1.1. Objectives

Through the Custom Solutions program, Consumers Energy aims to generate persistent energy savings for its business customers through promotions, technical support, and financial incentives for high-efficiency electricity and natural gas equipment. There are two primary program objectives:

- To influence business customers to select and install high-efficiency equipment and projects, such as process improvements or projects involving multiple technologies.

CUSTOM SOLUTIONS

- To reduce energy use and improve the performance of existing long-life equipment to ensure peak operating efficiency for business customers.

6.1.2. Customer Targets and Eligibility

Consumers Energy’s Custom Solutions program targets large commercial and industrial electric and natural gas customers in existing buildings, such as hospitals, municipalities, and manufacturing facilities, whose operations could most benefit from a custom approach. However, the program is available to customers of any size who wish to install measures not covered by the Prescriptive program. Additionally, the program targets business customers who are interested in designing and building new energy-efficient commercial and/or industrial facilities. Table 6-1 provides customer eligibility parameters.

Table 6-1. Custom Solutions Customer Eligibility Parameters

	Eligible Customers
Customer Class	Business electric or natural gas customers in a commercial rate class (excludes natural gas transportation and retail open access customers)
Customer Size	Any
Building Type	Commercial and industrial facilities
Building Vintage	Existing or new construction
Other	Projects must result in a permanent reduction in electrical and/or natural gas use compared to the baseline

6.1.3. Qualifying Measures and Incentives

Consumers Energy awards incentives for energy savings on a per-kWh or per-Mcf basis for installed measures not covered in the Prescriptive program. Often, these projects are more complex and address a system or process requiring unique technologies. The Company calculates the incentive amount on a case-by-case basis for qualifying equipment or processes. All technologies are subject to eligibility and energy savings verification.

Participation Benefits

- Custom rebates for non-standard efficiency projects
- Additional incentives for new building construction projects that qualify for LEED certification
- Industrial and SEM

Customers engaged in new building construction who are interested in pursuing LEED certification can receive additional incentives based on an energy modeling analysis demonstrating significant improvement in the proposed building design compared to the baseline standard.¹⁰ The building must achieve LEED certification to qualify for whole-building incentives.

Additionally, the Custom Program offers Industrial and SEM, a focused initiative that aims to create persistent energy savings through program engagement tailored to the individual customer. Through SEM, the Company helps its large customers integrate energy management into their permanent business practices using a range of

¹⁰ Based on the Michigan Commercial Energy Code, which is based on the 2021 International Energy Code (IECC) that was approved in 2024 and went into effect on April 22, 2025.

CUSTOM SOLUTIONS

tools including technical assistance; energy audits and/or building assessments; benchmarking support; energy performance target setting; project identification, implementation, and management support; energy coaching, training, and certification (where applicable); and development of a customer-managed internal energy team. Details on eligible program measures and incentive levels are outlined in *Appendix A*. The Company uses the criteria outlined in Table 6-2 to determine incentive amounts.

Table 6-2. Custom Solutions: Incentive Summary

	Electric Incentives	Natural Gas Incentives
Annual customer incentive limit	\$2,000,000	\$1,000,000
Minimum project payback	1 year	1 year
Portion of project cost covered ¹	Maximum 50%	100% up to \$500,000, then 50%

¹ Customers may be eligible for feasibility studies and investment-grade audits to identify energy-savings opportunities.

The Consumers Energy program team works closely with prospective customers to determine if projects qualify for incentives and to assist with completing an incentive application. The Company may modify incentives and caps to meet program needs.

Consumers Energy uses a competitive request for proposals process for larger projects exceeding the project maximums listed in Table 6-2 and selects projects based on cost-effectiveness results or on a first-come, first-served basis.

6.1.4. Marketing Strategy

Consumers Energy uses targeted, proactive outreach efforts to influence trade allies such as wholesalers, distributors, midstream suppliers, contractors, and retailers who market qualifying technologies. Additionally, energy solutions managers and energy advisors directly contact larger customers, particularly those in high-impact/high-need business sectors, such as schools, municipal buildings, hospitals, retail, food service, and lodging, as well as commercial and industrial customers whose building load or process design would benefit from energy-efficient technology. Consumers Energy employs several marketing strategies to recruit business customers into the Custom Solutions program.

Engage Trade Allies

- Providing training to targeted trade allies whose businesses benefit from promoting custom incentives to their customers
- Featuring active participating trade allies on Consumers Energy’s website with their name, discipline, website, and level of program activity
- Providing co-branding opportunities for participating trade allies in the form of marketing and promotional materials (e.g., product sheets and rebate forms)
- Directly engaging trade allies through direct mail, telephone, orientation meetings, and in-person visits by field representatives
- Providing presentations and seminars to trade association members (e.g., ASHRAE, the Metro Detroit Building Superintendent Association, and the West Michigan Association of Energy Engineers)

CUSTOM SOLUTIONS

- Conducting quarterly and seasonal campaigns, such as for boiler tune-ups (offered from September through March) and chiller tune-ups (offered from April through August), as well as ongoing geographical campaigns targeting low participation areas
- Conducting midstream marketing efforts targeting suppliers and end users
- Offering market intelligence and quarterly bonuses

Directly Market to Targeted Customers

- Conducting in-person visits to the largest business customers and targeted SMBs
- Offering walk-through energy assessments to identify opportunities for custom efficiency improvements
- Providing targeted audits for select industrial customers to uncover potential opportunities with an emphasis on process improvements
- Conducting targeted advertising in trade and business publications, online static and banner ads, press releases, and mass media channels
- Partnering with economic development organizations for new construction projects
- Offering promotions through Consumers Energy’s website, including a detailed program description, qualifying measures, downloadable incentive applications and program documents, and fact sheets and case studies for various customer segments and technologies
- Conducting direct networking to leverage relationships with trade allies, local economic development organizations, and other business associations, and encouraging them to promote the program, refer projects, and identify potential projects for their members and industry contacts
- Promoting and facilitating on-bill financing options, Michigan Saves, and other financing programs to make energy-efficiency investments more accessible

6.1.5. Estimated Investment

Table 6-3 provides the estimated annual investment levels for the Custom Solutions program.

Table 6-3. Custom Solutions Estimated Investment

	2026	2027	2028	2029
Electricity	\$10,501,118	\$10,713,797	\$10,814,761	\$10,915,726
Natural Gas	\$4,876,698	\$4,877,328	\$4,877,958	\$4,878,588
Total	\$15,377,816	\$15,591,125	\$15,692,719	\$15,794,314

CUSTOM SOLUTIONS

6.1.6. Savings Targets

Table 6-4 provides energy-savings and demand reduction goals for the Custom Solutions program.

Table 6-4. Custom Solutions Energy-Savings Targets

	2026	2027	2028	2029
MWh	98,075	100,486	101,898	103,309
MW	4.6	4.7	4.7	4.8
Mcf	361,559	362,288	363,018	363,748

6.1.7. Benefit-Cost Results

The Custom Solutions program is cost-effective from a utility cost perspective, achieving a benefit-cost ratio of 6.28. Table 6-5 provides program cost-effectiveness results.

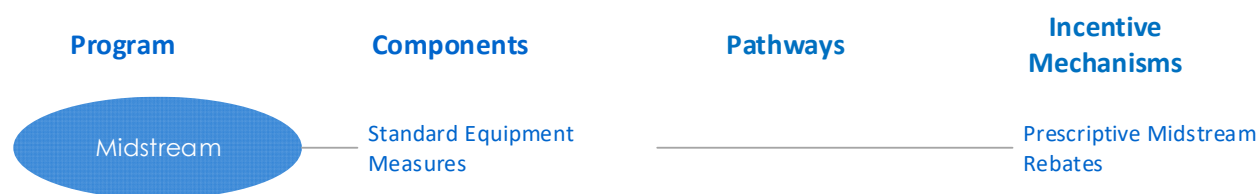
Table 6-5. Custom Solutions Cost-Effectiveness Results

Benefit-Cost Test	Benefit-Cost Ratio
Utility Cost Test	6.28
Total Resource Cost Test	4.83
Participant Cost Test	3.55
Rate Impact Measure Test	1.39

MIDSTREAM

6.2. Midstream

The Midstream program creates energy savings for business customers by promoting high-efficiency electricity and natural gas equipment via midstream incentives. The prescriptive midstream incentives are provided to distributors to discount the cost of selected products, including lighting, HVAC, and food service equipment.



6.2.1. Objectives

Through the Midstream program, Consumers Energy has three aims: (1) to generate energy savings for its business customers by offering prescriptive financial incentives for standard peer-reviewed and mature high-efficiency electricity and natural gas measures, (2) to contribute to market transformation by increasing the market share of commercial-grade high-efficiency technologies sold through midstream market partners, and (3) to provide a seamless participation experience for end-use customers by delivering the program through distributors.

6.2.2. Customer Targets and Eligibility

The Midstream program targets distributors in Consumers Energy territory who serve commercial and industrial sector customers and trade allies. Table 6-6 provides customer eligibility parameters.

Table 6-6. Midstream Customer Eligibility Parameters

	Eligible Customers
Customer Class	Equipment suppliers and distributors serving business customers in Consumers Energy territory
Customer Size	Any
Building Type	Commercial and industrial (including SMB) facilities
Building Vintage	Existing construction
Other	Projects must result in the permanent reduction in electrical and/or natural gas use compared to the baseline standard

6.2.3. Qualifying Measures and Incentives

Consumers Energy uses a midstream distribution channel to deploy standard equipment measures with predictable, deemed savings. The Company recruits distributors who offer energy-efficient equipment (e.g., lighting, HVAC, water heaters, and food service equipment) to contractors and customers who participate in the program. The participating

Participation Benefits

- Instant discounts for contractors and customers who purchase qualifying measures from participating distributors

MIDSTREAM

contractors and customers receive instant discounts on qualified products at the time of purchase and the participating distributors are compensated weekly for each instant discount they provide. Details on eligible program measures and incentive levels are outlined in *Appendix A*.

6.2.4. Marketing Strategy

Consumers Energy uses targeted, proactive outreach efforts to influence trade allies such as wholesalers, distributors, midstream suppliers, contractors, and retailers who market qualifying technologies.

Consumers Energy employs several marketing strategies to recruit trade allies into the Midstream program:

- Providing training to targeted trade allies whose businesses benefit from promoting incentives to their customers
- Featuring active participating suppliers on Consumers Energy’s website with their name, discipline, website, and level of program activity
- Providing co-branding opportunities for participating trade allies in the form of marketing and promotional materials (e.g., product sheets and rebate forms)
- Directly engaging trade allies through direct mail, telephone, orientation meetings, and in-person visits by field representatives
- Providing presentations and seminars to trade association members (e.g., ASHRAE, the Metro Detroit Building Superintendent Association, and the West Michigan Association of Energy Engineers)
- Conducting seasonal campaigns, for measures such as boiler tune-ups (offered from September through March) and chiller tune-ups (offered from April through August), as well as ongoing geographical campaigns targeting low participation areas
- Conducting midstream marketing efforts targeting suppliers and end users
- Offering market intelligence and quarterly bonuses

6.2.5. Estimated Investment

Table 6-7 provides the estimated annual investment levels for the Midstream program.

Table 6-7. Midstream Estimated Investment

	2026	2027	2028	2029
Electricity	\$7,914,732	\$7,920,307	\$7,928,445	\$7,937,662
Natural Gas	\$1,085,204	\$1,085,204	\$1,085,204	\$1,061,444
Total	\$8,999,936	\$9,005,511	\$9,013,649	\$8,999,106

MIDSTREAM

6.2.6. Savings Targets

Table 6-8 provides energy-savings and demand reduction goals for the Midstream program.

Table 6-8. Midstream Energy-Savings Targets

	2026	2027	2028	2029
MWh	51,348	51,364	51,384	51,416
MW	9.0	9.0	9.0	9.0
Mcf	24,775	24,775	24,775	24,775

6.2.7. Benefit-Cost Results

The Midstream program is cost-effective from a utility cost perspective, achieving a benefit-cost ratio of 5.97. Table 6-9 provides program cost-effectiveness results.

Table 6-9. Midstream Cost-Effectiveness Results

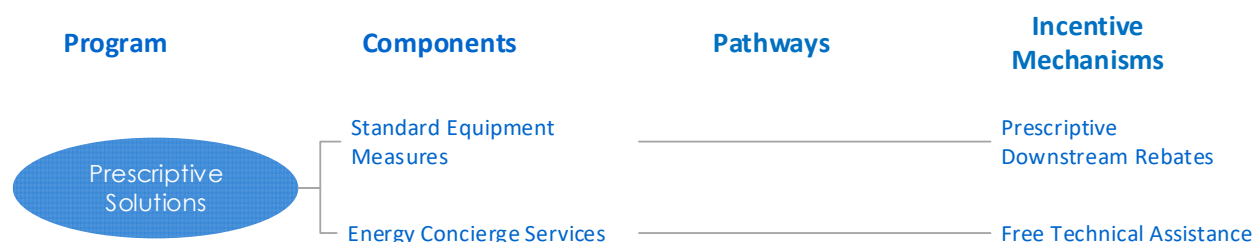
Benefit-Cost Test	Benefit-Cost Ratio
Utility Cost Test	5.97
Total Resource Cost Test	4.37
Participant Cost Test	2.96
Rate Impact Measure Test	1.95

PRESCRIPTIVE SOLUTIONS

6.3. Prescriptive Solutions

The Prescriptive Solutions program creates energy savings for business customers by promoting high-efficiency electricity and natural gas equipment via downstream incentives. The program offers two components.

- Through the **Standard Equipment Measures** component, Consumers Energy provides cash-back mail-in incentives typically ranging from 25% to 40% of the incremental cost to purchase high-efficiency equipment.
- Through **Energy Concierge Services (ECS)**, the Company provides a designated single point of contact and customized assistance to achieve the customer’s unique energy-savings goals. ECS advisors work directly with the customer to identify energy-savings projects, develop energy-savings business cases to support and encourage customer organization investment in EWR, and determine how to maximize EWR incentives through the rebate process.



6.3.1. Objectives

Through the Prescriptive Solutions program, Consumers Energy has two aims: (1) to generate energy savings for its business customers by offering prescriptive financial incentives for peer-reviewed and mature high-efficiency technologies and (2) to increase the market share of commercial-grade high-efficiency technologies.

6.3.2. Customer Targets and Eligibility

The Prescriptive Solutions program targets commercial and industrial electric and natural gas customers in existing buildings in Consumers Energy territory who wish to purchase qualifying equipment or services. Consumers Energy provides ECS to support any customer’s needs. Table 6-10 provides customer eligibility parameters.

Table 6-10. Prescriptive Solutions Customer Targets and Eligibility

	Eligible Customers
Customer Class	Business electric or natural gas customer in a commercial rate class (excludes natural gas transportation and retail open access customers)
Customer Size	Any
Building Type	Commercial and industrial facilities
Building Vintage	Existing construction
Other	Projects must result in the permanent reduction in electrical and/or natural gas use compared to the baseline standard

PRESCRIPTIVE SOLUTIONS

6.3.3. Qualifying Measures and Incentives

Consumers Energy offers prescriptive incentives equaling between 25% and 40% of the incremental cost to purchase energy-efficient products when customers submit a rebate application by mail or online. To simplify the application process and reduce administrative costs, the Company focuses on standard equipment measures with predictable, deemed savings. For some measures, the Company uses tiered incentives to promote investments in premium-efficiency equipment.

Additionally, the Company provides ECS at no cost to customers. Details on eligible program measures and incentive levels are outlined in *Appendix A*.

Participation Benefits

- Rebates for standard equipment measures that increase the efficiency of heating, cooling, building envelope, water heating, and other end uses
- Energy Concierge Services, as needed

6.3.4. Marketing Strategy

Consumers Energy uses targeted, proactive outreach efforts to influence trade allies such as wholesalers, distributors, midstream suppliers, contractors, and retailers who market qualifying technologies. Additionally, energy solutions managers and energy advisors directly contact larger customers, particularly those in high-impact/high-need business sectors, such as schools, municipal buildings, hospitals, retail, food service, and lodging, as well as commercial and industrial customers whose building load or process design would benefit from energy-efficient technology. Consumers Energy employs several marketing strategies to recruit business customers into the Prescriptive Solutions program.

Engage Trade Allies

- Providing training to targeted trade allies whose businesses benefit from promoting incentives to their customers
- Featuring active participating trade allies on Consumers Energy's website with their name, discipline, website, and level of program activity
- Providing co-branding opportunities for participating trade allies in the form of marketing and promotional materials (e.g., product sheets and rebate forms)
- Directly engaging trade allies through direct mail, telephone, orientation meetings, and in-person visits by field representatives
- Providing presentations and seminars to trade association members (e.g., ASHRAE, the Metro Detroit Building Superintendent Association, and the West Michigan Association of Energy Engineers)
- Conducting seasonal campaigns, such as for boiler tune-ups (offered from September through March) and chiller tune-ups (offered from April through August), as well as ongoing geographical campaigns targeting low participation areas
- Offering market intelligence and quarterly bonuses

PRESCRIPTIVE SOLUTIONS

Directly Market to Targeted Customers

- Conducting in-person visits to the largest business customers and targeted SMBs
- Offering walk-through energy assessments to identify opportunities for efficiency improvements
- Providing targeted audits for select industrial customers to uncover potential opportunities with an emphasis on process improvements
- Conducting targeted advertising in trade and business publications, online static and banner ads, press releases, and mass media channels
- Partnering with economic development organizations for new construction projects
- Providing program details through Consumers Energy’s website, including a comprehensive program description, list of qualifying measures, downloadable incentive applications and program documents, and fact sheets and case studies for various customer segments and technologies
- Conducting direct networking to leverage relationships with trade allies, local economic development organizations, and other business associations, and encourage them to promote the program, refer projects, and identify potential projects for their members and industry contacts
- Promoting and facilitating the Michigan Saves financing program to make energy-efficiency investments more accessible

6.3.5. Estimated Investment

Table 6-11 provides the estimated annual investment levels for the Prescriptive Solutions program.

Table 6-11. Prescriptive Solutions Estimated Investment

	2026	2027	2028	2029
Electricity	\$62,460,489	\$62,460,489	\$62,460,489	\$62,460,489
Natural Gas	\$12,106,440	\$12,121,627	\$12,121,627	\$12,067,627
Total	\$74,566,929	\$74,582,116	\$74,582,116	\$74,528,116

6.3.6. Savings Targets

Table 6-12 provides energy-savings and demand reduction goals for the Prescriptive Solutions program.

Table 6-12. Prescriptive Solutions Energy-Savings Targets

	2026	2027	2028	2029
MWh	289,725	289,725	289,725	289,725
MW	41.7	41.7	41.7	41.7
Mcf	608,548	610,256	610,256	604,672

PRESCRIPTIVE SOLUTIONS

6.3.7. Benefit-Cost Results

The Prescriptive Solutions program is cost-effective from a utility cost perspective, achieving a benefit-cost ratio of 3.73. Table 6-13 provides program cost-effectiveness results.

Table 6-13. Prescriptive Cost-Effectiveness Results

Benefit-Cost Test	Benefit-Cost Ratio
Utility Cost Test	3.73
Total Resource Cost Test	1.41
Participant Cost Test	1.06
Rate Impact Measure Test	1.38

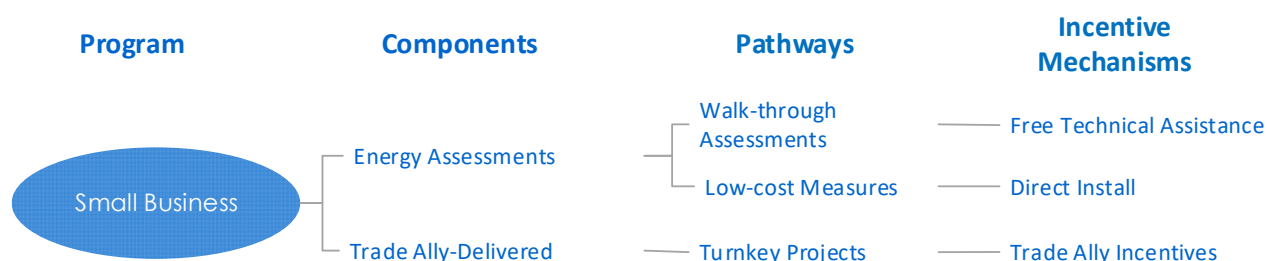
SMALL BUSINESS

6.4. Small Business

The Small Business program is designed to target small businesses in Consumers Energy’s territory. The program provides energy assessments with direct install opportunities, engages and uses trade allies to promote energy-saving opportunities, such as lighting and refrigeration measures to small businesses, and offers instant discounts for qualifying lighting measures purchased through retail partner stores. Additionally, the Company will leverage its LINA and geotargeting initiatives (which rely on census tract data and the MiEJScreen tool) to identify areas within its territory with higher concentrations of customers likely to meet eligibility criteria for income-qualified assistance and high economic burden or energy insecurity. Consumers Energy will prioritize outreach to small business customers in these areas along with non-profits, community action agencies, and other community-based organizations that support low-income and underserved populations and will provide resources to address small business facilities that require health and safety interventions to avoid deferrals.

The program consists of two components:

- Through the **Energy Assessments** component, Consumers Energy provides walk-through energy assessments, including free direct installation of energy-saving measures and a customized summary report that includes energy-saving tips and recommendations.
- Through the **Trade Ally Delivered** component, trade allies conduct site assessments, propose qualifying energy-efficient upgrades, specify and install equipment, handle all paperwork, and provide required warranties. The program implementer conducts inspections to verify pre- and post-installation conditions and equipment, administers application submittals, distributes incentives to the trade allies, and oversees the program. The implementer also provides all necessary program information and uses a web-based application tool to enter, track, and receive approval and payment for projects.



Given changes to federal lighting standards and the increasing acquisition cost of energy savings, Consumers Energy will sunset the Lighting Buydown component of the Small Business program in 2026.

6.4.1. Objectives

Through the Small Business program, Consumers Energy aims to provide cost-effective energy-efficient upgrades with little to no capital investment for SMBs and nonprofit customers and to drive business to Consumers Energy’s trade ally partners. The program also strives to provide health and safety benefits to eligible small business customers, enabling them to benefit from the installation of EWR measures.

SMALL BUSINESS

6.4.2. Customer Targets and Eligibility

The Small Business program targets small businesses in Consumers Energy’s territory. Table 6-14 provides customer eligibility parameters.

Table 6-14. Small Business Customer Eligibility Parameters

	Eligible Customers
Customer Class	Small business electric or combination customer in a commercial rate class (excludes natural gas transportation and retail open access customers)
Customer Size	Businesses with less than 500 employees and annual usage under 1.2 million kWh (electric) or 15,000 Mcf (natural gas)
Building Type	Small commercial and industrial facilities
Building Vintage	Existing construction
Other	Businesses in tenant facilities must have building owner approval

6.4.3. Qualifying Measures and Incentives

Through the Small Business program, Consumers Energy provides a free assessment and direct-install measures, free facility repairs to address critical safety concerns, and incentives that cover up to 100% of more costly efficiency upgrades and often yield an average payback of approximately one year. Small businesses often struggle with a lack of available capital to complete energy-saving projects, so the incentives in the Trade Ally pathway are paid directly to the trade ally, and the customer is only responsible for a small co-pay. Some of the available measures include lighting, lighting controls, anti-sweat heater controls, and electronically commutated motors, among others. All details on eligible program measures and incentive levels are outlined in *Appendix A*.

Participation Benefits

- Seamless way to implement energy assessment recommendations
- Turnkey program delivery by qualified trade allies
- Health and safety repairs when required to enable EWR upgrades
- Incentives covering up to 100% of project costs

6.4.4. Marketing Strategy

Consumers Energy markets the Small Business program by emphasizing the financial benefits of participation to both contractors and their customers. Key activities are focused on providing training and resources for contractors to better understand and promote the rebate program, offering co-branding opportunities and marketing materials, and featuring participating contractors on the program website to boost their visibility. Consumers Energy employs a range of marketing strategies to attract customers and trade allies to the Small Business program.

- Promote energy assessments through targeted email campaigns.
- Recruit and engage trade allies by using targeted, proactive outreach
- Provide co-branding opportunities for participating trade allies in the form of marketing and promotional materials

SMALL BUSINESS

- Promote top trade allies by featuring their discipline and contact information on the program website
- Launch a geo-targeted campaign to promote program participation among key segments such as HVAC and lighting contractors
- Provide training for targeted trade allies whose businesses benefit from promoting the program to their customers
- Provide leads to trade allies that are identified through the Small Business program

6.4.5. Estimated Investment

Table 6-15 provides the estimated annual investment levels for the Small Business program.

Table 6-15. Small Business Estimated Investment

	2026	2027	2028	2029
Electricity	\$16,381,236	\$18,073,780	\$18,104,277	\$17,804,190
Natural Gas	\$2,887,020	\$2,442,176	\$2,444,955	\$2,446,372
Total	\$19,268,256	\$20,515,956	\$20,549,232	\$20,250,562

6.4.6. Savings Targets

Table 6-16 provides energy-savings and demand reduction goals for the Small Business program.

Table 6-16. Small Business Energy-Savings Targets

	2026	2027	2028	2029
MWh	47,875	54,145	52,887	48,990
MW	2.5	3.2	3.1	2.6
Mcf	128,516	116,780	105,229	101,748

6.4.7. Benefit-Cost Results

The Small Business program is cost-effective from a utility cost perspective, achieving a benefit-cost ratio of 1.65. Table 6-17 provides program cost-effectiveness results.

Table 6-17. Small Business Cost-Effectiveness Results

Benefit-Cost Test	Benefit-Cost Ratio
Utility Cost Test	1.65
Total Resource Cost Test	1.83
Participant Cost Test	7.72
Rate Impact Measure Test	0.88

LARGE CUSTOMER OPT-IN AND OPT-OUT OPTIONS

6.5. Large Customer Opt-In and Opt-Out Options

6.5.1. Opt-In Options for Business Customers

Eligible customers may choose a one-time option to voluntarily opt in to Consumers Energy's EWR programs for business. Opt-in customers are required to pay the full EWR surcharge for each enrolled account and submit energy-saving rebate applications through the normal business program process described in the preceding sections. Consumers Energy offers two opt-in options for its business customers:

- **Electricity Municipal Lighting Opt-In Rate:** Electric municipal customers,¹¹ using customer- or Company-owned lighting systems, may enroll in an EWR program at any time, with EWR surcharges collected retroactively to the January billing cycle.
- **Electricity Rate GSG-2:** Electric self-generation and general self-generation 2 (GSG-2) customers are eligible to participate in the opt-in program. They may enroll in the program at any time, with EWR surcharges collected retroactively to the January billing cycle.

6.5.2. Opt-Out Option for Large Natural Gas Customers

Eligible large natural gas transportation business customers can self-direct and opt out of Consumers Energy's EWR programs. However, customers who opt out are still required to pay the low-income program surcharge and must also design and plan their own projects and provide annual progress reports. Energy savings resulting from customers' self-directed programs count toward Consumers Energy's overall portfolio savings goals. Self-direct customers are required to implement savings equal to or greater than the minimum savings standard of 0.875%, as set by PA 229.

Natural gas transportation customer account(s) using greater than 100,000 Mcf annually are eligible to participate in the opt-out option and may enroll at any time. Customers who plan to opt out of the program are responsible for providing Consumers Energy with detailed plans, savings, costs, and timelines by mid-July of the previous year. Consumers Energy reviews and evaluates the customer's annual reports to verify that they include the required elements. Consumers Energy also tracks savings and other program elements to meet its annual reporting requirements.

Customers who choose to opt out are not eligible to participate in Consumers Energy's natural gas EWR programs but may still participate in electric EWR programs. A customer who opts out is eligible for a one-time return to the EWR program.

6.5.3. Opt-Out Option for Large Electricity Customers

Eligible large electric business customers can self-direct and opt out of Consumers Energy's EWR programs. However, customers who opt out are still responsible for paying the low-income program surcharge and need to

¹¹ The following rate classifications are eligible for opt-in rates: general service metered lighting, general service unmetered lighting, and general unmetered experimental lighting.

LARGE CUSTOMER OPT-IN AND OPT-OUT OPTIONS

design and plan their own projects and provide annual progress reports. Energy savings resulting from customers' self-directed programs count toward Consumers Energy's overall portfolio savings goals. Self-direct customers are required to implement savings that are equal to or greater than the minimum savings standard of 1.5%, as set by PA 229.

Electricity customers who use greater than 1 MW annually are eligible to participate in the opt-out option and may enroll at any time. Customers who plan to opt out of the program are responsible for providing Consumers Energy with detailed plans, savings, costs, and timelines by mid-July of the previous year. Consumers Energy will review and evaluate customers' annual reports to verify that they include the required elements. Consumers Energy will also track savings and other program elements to meet its annual reporting requirements.

Customers who choose to opt out are not eligible to participate in Consumers Energy's electric EWR programs but may still participate in natural gas EWR programs. A customer who opts out is eligible for a one-time return to the EWR program.

PILOT PROGRAMS

7. Pilot Programs

In compliance with regulatory guidelines, and inclusive of the Company’s request in this filing, Consumers Energy has set aside for pilot programs up to 5% of that portion of the EWR budget estimated to meet the legislatively mandated minimum savings. These pilot programs are to test new and emerging technologies, innovative marketing approaches, and program enhancements that could capture additional energy savings and broaden access to EWR programs within the residential and business sectors. To identify new pilot research and opportunities, the Company works with its evaluation contractors, implementation contractors, and EWR Plan stakeholders directly and through MPSC EWR workgroups to identify emerging strategies and technology applications that will increase EWR savings, appeal to broader customer segments, or support more effective delivery of EWR services. Pilots planned for the 2026-2029 period include those outlined in Table 7-1.

Table 7-1. 2026-2029 EWR Plan Pilots

Pilot Name	Pilot Type	Total Pilot Budget	Forecasted Program Savings ¹
Residential Pilots			
Super-Efficient All-Electric New Homes	Measure	\$750,000	7,500 MWh 257,400 mcf
Contractor Tools Settlement Agreement Pilot	Education & Outreach	\$267,000	N/A
Customer-Led Digital HEAs	Marketing	\$450,000	N/A
Braided Funding	Research	\$0	N/A
Business Pilots			
Combined Heat & Power	Measure	\$746,000	13,748 MWh
Integrated HVAC + Lighting	Measure	\$0	TBD
Thermal Energy Storage	Measure	\$280,000	6.4 MWh
Centralized Hot Water Demand	Measure	Dependent on 2025 enrollments	31.4 MWh 393,600 mcf

¹ Projected energy savings to be claimed if the pilot is successful and generates energy savings.

APPENDIX A. DETAILED PROGRAM MEASURES

Appendix A. Detailed Program Measures

C Measure Mapping G I L O AM P Q R S AF AH

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
RNC0029	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 1 - Combo	Combo	20 Units		\$120.00	15	15	20	25	0.00	0.00
RNC0030	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 2 - Combo	Combo	20 Units		\$60.00	70	70	70	70	0.00	0.00
RNC0031	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 3 - Combo	Combo	20 Units		\$20.00	142	142	142	142	0.00	0.00
RNC0032	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 1 - Combo	Combo	20 Units		\$3,150.00	3	3	3	3	2984.66	7.08
RNC0033	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 2 - Combo	Combo	20 Units		\$2,475.00	3	3	3	3	2617.14	69.52
RNC0034	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 3 - Combo	Combo	20 Units		\$1,800.00	110	110	115	120	1824.90	63.47
RNC0035	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 4 - Combo	Combo	20 Units		\$900.00	15	15	15	15	1409.54	51.81
RNC0036	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 1 - Combo	Combo	20 Units		\$900.00	45	45	45	45	2090.89	64.21
RNC0037	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 2 - Combo	Combo	20 Units		\$450.00	74	74	74	74	1633.50	42.02
RNC0038	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 3 - Combo	Combo	20 Units		\$225.00	160	160	160	160	1398.50	35.04
RNC0039	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - ENERGY STAR Tier 1 - Combo	Combo	20 Units		\$630.00	16	16	16	16	809.38	15.29
RNC0040	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - ENERGY STAR Tier 2 - Combo	Combo	20 Units		\$315.00	130	130	130	130	649.69	8.23
RNC0041	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - HERS Path - Tier 1 - Combo	Combo	20 Units		\$315.00	15	15	15	15	1268.39	36.08
RNC0042	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - Gas Savings Bonus - Combo	Combo	20 Units		\$60.00	22	22	22	22	0.00	0.00
RNC0043	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - Electric Savings Bonus - Combo	Combo	20 Units		\$60.00	35	35	35	35	0.00	0.00
RNE0036	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 1 - All Electric	Electric	20 Units		\$120.00	7	7	7	7	0.00	0.00
RNE0037	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 2 - All Electric	Electric	20 Units		\$60.00	3	3	3	3	0.00	0.00
RNE0038	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 3 - All Electric	Electric	20 Units		\$20.00	2	2	2	2	0.00	0.00
RNE0039	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 1 - Electric Only	Electric	20 Units		\$60.00	10	10	10	10	0.00	0.00
RNE0040	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 2 - Electric Only	Electric	20 Units		\$30.00	80	80	80	80	0.00	0.00
RNE0041	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 3 - Electric Only	Electric	20 Units		\$10.00	182	185	190	195	0.00	0.00
RNE0042	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 1 - All Electric	Electric	20 Units		\$3,600.00	4	4	4	4	8615.53	0.00
RNE0043	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 2 - All Electric	Electric	20 Units		\$2,700.00	3	3	3	3	6461.65	0.00
RNE0044	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 3 - All Electric	Electric	20 Units		\$1,800.00	3	3	3	3	4846.24	0.00
RNE0045	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 4 - All Electric	Electric	20 Units		\$900.00	3	3	3	3	3634.68	0.00
RNE0046	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 1 - Electric Only	Electric	20 Units		\$540.00	7	8	9	10	2424.97	0.00
RNE0047	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 2 - Electric Only	Electric	20 Units		\$540.00	2	2	2	2	2706.13	0.00
RNE0048	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 3 - Electric Only	Electric	20 Units		\$540.00	11	11	11	11	2052.05	0.00
RNE0049	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 4 - Electric Only	Electric	20 Units		\$270.00	2	2	2	2	2390.59	0.00
RNE0050	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 1 - All Electric	Electric	20 Units		\$900.00	2	2	2	2	6467.77	0.00
RNE0051	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 2 - All Electric	Electric	20 Units		\$450.00	2	2	2	2	2410.40	0.00
RNE0052	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 3 - All Electric	Electric	20 Units		\$225.00	2	2	2	2	5269.80	0.00
RNE0053	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 1 - Electric Only	Electric	20 Units		\$270.00	77	77	77	77	1927.56	0.00
RNE0054	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 2 - Electric Only	Electric	20 Units		\$135.00	105	110	115	120	1629.75	0.00
RNE0055	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 3 - Electric Only	Electric	20 Units		\$67.50	305	310	320	330	1353.95	0.00
RNE0056	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - ENERGY STAR Tier 1 - All Electric	Electric	20 Units		\$765.00	5	5	5	5	6534.28	0.00
RNE0057	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - ENERGY STAR Tier 2 - All Electric	Electric	20 Units		\$382.50	2	2	2	2	4900.71	0.00
RNE0058	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - ENERGY STAR Tier 1 - Electric Only	Electric	20 Units		\$135.00	20	20	20	20	654.56	0.00
RNE0059	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - ENERGY STAR Tier 2 - Electric Only	Electric	20 Units		\$67.50	55	60	65	70	598.90	0.00
RNE0061	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - HERS Path - Tier 1 - Electric Only	Electric	20 Units		\$67.50	61	64	67	70	661.51	0.00
RNG0025	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 1 - Gas Only	Gas	20 Units		\$60.00	2	2	2	2	0.00	0.00
RNG0026	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 2 - Gas Only	Gas	20 Units		\$30.00	60	60	60	60	0.00	0.00
RNG0027	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 3 - Gas Only	Gas	20 Units		\$10.00	330	330	330	330	0.00	0.00
RNG0030	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 3 - Gas Only	Gas	20 Units		\$1,260.00	17	17	17	17	0.00	52.73
RNG0031	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 4 - Gas Only	Gas	20 Units		\$630.00	7	7	7	7	0.00	42.80
RNG0032	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 1 - Gas Only	Gas	20 Units		\$630.00	140	140	140	140	0.00	68.09
RNG0033	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 2 - Gas Only	Gas	20 Units		\$315.00	200	200	200	200	0.00	53.12
RNG0034	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 3 - Gas Only	Gas	20 Units		\$157.50	320	320	320	320	0.00	39.38
RNG0035	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - ENERGY STAR Tier 1 - Gas Only	Gas	20 Units		\$495.00	52	52	52	52	0.00	14.20
RNG0036	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - ENERGY STAR Tier 2 - Gas Only	Gas	20 Units		\$247.50	85	85	85	85	0.00	9.72
RNG0037	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - HERS Path - Tier 1 - Gas	Gas	20 Units		\$247.50	34	34	34	34	0.00	18.05
NEW-RNCM0001	Contractor Rebates - New Construction	Contractor Rebates	EsV2 Efficient Gas Furnace w/Code Gas WH - SS - Gas Only	Gas	30 Units		\$450.00	13	13	13	13	0.00	8.65
NEW-RNCM0002	Contractor Rebates - New Construction	Contractor Rebates	EsV2 Efficient Gas Furnace w/Code Gas WH - SS - Combo Only	Combo	30 Units		\$450.00	23	23	23	23	67.16	8.65
NEW-RNCM0003	Contractor Rebates - New Construction	Contractor Rebates	EsV2 Efficient Gas Furnace w/Code Gas WH - SS - Combo Only	Combo	30 Units		\$450.00	23	23	23	23	67.16	8.65
NEW-RNCM0004	Contractor Rebates - New Construction	Contractor Rebates	EsV2 Efficient Gas Furnace w/Code Gas WH - MS - Gas Only	Gas	30 Units		\$450.00	17.25	17.25	17.25	17.25	0.00	0.64
NEW-RNCM0005	Contractor Rebates - New Construction	Contractor Rebates	EsV2 Efficient Gas Furnace w/Code Gas WH - MS - Combo Only	Combo	30 Units		\$450.00	11	11	11	11	0.00	0.64
NEW-RNCM0006	Contractor Rebates - New Construction	Contractor Rebates	EsV2 Efficient Gas Furnace w/Code Gas WH - MS - Combo Only	Combo	30 Units		\$450.00	11	11	11	11	0.00	0.64
NEW-RNCM0007	Contractor Rebates - New Construction	Contractor Rebates	DOEZerV1 Efficient Gas Furnace with HPWH - SS - Gas Only	Gas	30 Units		\$450.00	39	39	39	39	0.00	21.53
NEW-RNCM0008	Contractor Rebates - New Construction	Contractor Rebates	DOEZerV1 Efficient Gas Furnace with HPWH - SS - Electric Only	Electric	30 Units		\$225.00	32	32	32	32	730.48	0.00
NEW-RNCM0009	Contractor Rebates - New Construction	Contractor Rebates	DOEZerV1 Efficient Gas Furnace with HPWH - SS - Combo Only	Combo	30 Units		\$675.00	163	163	163	163	730.48	21.53
NEW-RNCM0010	Contractor Rebates - New Construction	Contractor Rebates	DOEZerV1 Efficient Gas Furnace with HPWH - SS - Combo Only	Combo	30 Units		\$675.00	163	163	163	163	730.48	21.53
NEW-RNCM0011	Contractor Rebates - New Construction	Contractor Rebates	DOEZerV1 Efficient Gas Furnace with HPWH - MS - Gas Only	Gas	30 Units		\$450.00	17	17	17	17	0.00	8.42
NEW-RNCM0012	Contractor Rebates - New Construction	Contractor Rebates	DOEZerV1 Efficient Gas Furnace with HPWH - MS - Electric Only	Electric	30 Units		\$225.00	65	65	65	65	337.64	0.00
RHC0100	Contractor Rebates - Home Solutions	Contractor Rebates	DOEZerV1 Efficient Gas Furnace with HPWH - MS - Combo Only	Combo	30 Units		\$675.00	114	114	114	114	337.64	8.42
RHC0101	Contractor Rebates - Home Solutions	Contractor Rebates	DOEZerV1 Efficient Gas Furnace with HPWH - MS - Combo Only	Combo	30 Units		\$675.00	114	114	114	114	337.64	8.42
RHE0004	Contractor Rebates - Home Solutions	Contractor Rebates	DOEZerV1 ASHP with HPWH - SS - Electric Only	Electric	30 Units		\$2,250.00	0	15	30	45	7029.72	0.00
RHE0007	Contractor Rebates - Home Solutions	Contractor Rebates	DOEZerV1 ASHP with HPWH - MS - Electric Only	Electric	30 Units		\$2,250.00	0	10	20	40	3261.40	0.00
RHE0011	Contractor Rebates - Home Solutions	Contractor Rebates	Setback thermostat - moderate setback (combo)	Combo	9 Units		\$9.00	159	159	159	159	106.85	4.09
RHE0012	Contractor Rebates - Home Solutions	Contractor Rebates	Wi-Fi Enabled Thermostat - Combination	Combo	9 Units		\$90.00	1921	1921	1921	1921	124.46	4.81
RHE0016	Contractor Rebates - Home Solutions	Contractor Rebates	Setback thermostat - moderate setback -- Electric Customer Only	Electric	9 Units		\$9.00	114	114	114	114	108.59	0.00
RHE0017	Contractor Rebates - Home Solutions	Contractor Rebates	Split System Central AC GT SEER 16	Electric	15 Units		\$135.00	1066	1066	1066	1066	409.66	0.00
RHE0018	Contractor Rebates - Home Solutions	Contractor Rebates	Tier 2 air source heat pump GT 15 SEER	Electric	15 Units		\$135.00	9	9	9	9	284.40	0.00
RHE0019	Contractor Rebates - Home Solutions	Contractor Rebates	Tier 3 air source heat pump GT 16 SEER	Electric	15 Units		\$225.00	36	36	36	36	702.38	0.00
RHE0020	Contractor Rebates - Home Solutions	Contractor Rebates	Operations and Maintenance HVAC Tune Up - Electric	Electric	5 Units		\$58.50	459	459	459	459	109.31	0.00
RHE0021	Contractor Rebates - Home Solutions	Contractor Rebates	Split System Central AC GT SEER 17	Electric	15 Units		\$270.00	350	350	350	350	466.86	0.00
RHE0022	Contractor Rebates - Home Solutions	Contractor Rebates	Split System Central AC GT SEER 18	Electric	15 Units		\$450.00	296	296	296	296	527.90	0.00
RHE0023	Contractor Rebates - Home Solutions	Contractor Rebates	Split System Central AC GT SEER 19	Electric	15 Units		\$450.00	3	3	3	3	891.73	0.00

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
RHE0020	Contractor Rebates - Home Solutions	Contractor Rebates	Split System Central AC GT SEER 20	Electric	15	Units	\$450.00	64	64	64	64	772.82	0.00
RHE0021	Contractor Rebates - Home Solutions	Contractor Rebates	Split System Central AC GT SEER 21	Electric	15	Units	\$450.00	26	26	26	26	877.53	0.00
RHE0022	Contractor Rebates - Home Solutions	Contractor Rebates	Wi-Fi Enabled Thermostat - Electric	Electric	9	Units	\$40.00	301	301	301	301	135.08	0.00
RHE0023	Contractor Rebates - Home Solutions	Contractor Rebates	SEER21 Minisplit Heat pump - Electric only	Electric	15	Units	\$315.00	19	19	19	19	2354.95	0.00
RHE0027	Contractor Rebates - Home Solutions	Contractor Rebates	SEER 18 HSPF 9 Minisplit Heat Pump - Electric	Electric	15	Units	\$225.00	21	21	21	21	3069.64	0.00
RHE0028	Contractor Rebates - Home Solutions	Contractor Rebates	SEER 19 HSPF 9 Minisplit Heat Pump - Electric	Electric	15	Units	\$225.00	13	13	13	13	3119.63	0.00
RHE0029	Contractor Rebates - Home Solutions	Contractor Rebates	SEER 20 HSPF 10 Minisplit Heat Pump - Electric	Electric	15	Units	\$225.00	27	27	27	27	3438.20	0.00
RHE0030	Contractor Rebates - Home Solutions	Contractor Rebates	Midstream ECM Boiler Circulator Pump, LT 100W	Electric	15	Units	\$67.50	41	41	41	41	419.52	0.00
RHE0031	Contractor Rebates - Home Solutions	Contractor Rebates	Midstream ECM Boiler Circulator Pump, 100-500W	Electric	15	Units	\$67.50	6	6	6	6	2099.44	0.00
RHE0034	Contractor Rebates - Home Solutions	Contractor Rebates	Midstream ENERGY STAR Heat Pump Water Heaters LT or EQ 55 gal - UEF GT or EQ 3.0	Electric	10	Units	\$675.00	9	9	9	9	1894.28	0.00
RHE0036	Contractor Rebates - Home Solutions	Contractor Rebates	Self-Submit Heat Pump Water Heater	Electric	10	Units	\$450.00	8	8	8	8	1539.16	0.00
RHE2000	Contractor Rebates - Home Solutions	Contractor Rebates	Customer Amends (Electric Measures)	Electric	1	Units	\$225.00	35	35	35	35	0.00	0.00
RHE3005	Contractor Rebates - Home Solutions	Contractor Rebates	Midstream Amends Electric	Electric	1	Units	\$225.00	36	36	36	36	0.00	0.00
RHE9000	Contractor Rebates - Home Solutions	Contractor Rebates	A C Tune-Up -- No Energy Savings	Electric	1	Units	\$58.50	24	24	24	24	0.00	0.00
RHG0004	Contractor Rebates - Home Solutions	Contractor Rebates	Setback thermostat - moderate setback -- Gas Customer	Gas	9	Units	\$9.00	560	560	560	560	0.00	4.58
RHG0008	Contractor Rebates - Home Solutions	Contractor Rebates	Super High Efficiency Gas Water Heater EF GT or EQ 0.67	Gas	13	Units	\$45.00	39	39	39	39	0.00	4.05
RHG0010	Contractor Rebates - Home Solutions	Contractor Rebates	Natural Gas Furnace 95% AFUE	Gas	15	Units	\$90.00	16	16	16	16	0.00	8.78
RHG0011	Contractor Rebates - Home Solutions	Contractor Rebates	Natural Gas Furnace 96% AFUE	Gas	15	Units	\$180.00	11180	11180	11180	11180	0.00	9.27
RHG0012	Contractor Rebates - Home Solutions	Contractor Rebates	Natural Gas Furnace 97% AFUE	Gas	15	Units	\$300.00	6058.5	6058.5	6058.5	6058.5	0.00	10.01
RHG0013	Contractor Rebates - Home Solutions	Contractor Rebates	Natural Gas Furnace 98% OR GT AFUE	Gas	15	Units	\$400.00	638	638	638	638	0.00	10.82
RHG0016	Contractor Rebates - Home Solutions	Contractor Rebates	Natural gas boiler GT 95% AFUE	Gas	15	Units	\$800.00	1.5	1.5	1.5	1.5	0.00	10.23
RHG0022	Contractor Rebates - Home Solutions	Contractor Rebates	Wi-Fi Enabled Thermostat - Gas	Gas	9	Units	\$40.00	2509	2509	2509	2509	0.00	5.42
RHG0023	Contractor Rebates - Home Solutions	Contractor Rebates	Operations and Maintenance HVAC Furnace Tune Up - Gas	Gas	2	Units	\$65.00	408.75	408.75	408.75	408.75	0.00	7.88
RHG0024	Contractor Rebates - Home Solutions	Contractor Rebates	Operations and Maintenance HVAC Boiler Tune Up - Gas	Gas	2	Units	\$65.00	45	45	45	45	0.00	4.80
RHG0029	Contractor Rebates - Home Solutions	Contractor Rebates	Midstream Energy Star Certified UEF rated Tankless gas water htr	Gas	20	Units	\$135.00	182	182	182	182	0.00	4.05
RHG0031	Contractor Rebates - Home Solutions	Contractor Rebates	Midstream Natural gas boiler GT 95% AFUE	Gas	15	Units	\$450.00	77.5	77.5	77.5	77.5	0.00	10.91
RHG0032	Contractor Rebates - Home Solutions	Contractor Rebates	Midstream Energy Star Certified UEF rated Gas Tank Water Heater	Gas	13	Units	\$54.00	519	519	519	519	0.00	4.05
RHG0042	Contractor Rebates - Home Solutions	Contractor Rebates	Free Comprehensive Boiler Tune up	Gas	2	Units	\$145.00	67.5	67.5	67.5	67.5	0.00	4.75
RHG2000	Contractor Rebates - Home Solutions	Contractor Rebates	Customer Amends (Gas Measures)	Gas	1	Units	\$225.00	103	103	103	103	0.00	0.00
RHG3006	Contractor Rebates - Home Solutions	Contractor Rebates	Midstream Amends Gas	Gas	1	Units	\$225.00	103	103	103	103	0.00	0.00
RHG9000	Contractor Rebates - Home Solutions	Contractor Rebates	Furnace Tune-Up -- No Energy Savings	Gas	1	Units	\$58.50	27	27	27	27	0.00	0.00
RWC0001	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-38-Combo	Combo	30	Units	\$112.50	16	16	16	16	81.89	4.37
RWC0002	Contractor Rebates - Home Solutions	Contractor Rebates	Wall Insulation-Combo	Combo	30	Units	\$112.50	123	123	123	123	116.26	7.42
RWC0003	Contractor Rebates - Home Solutions	Contractor Rebates	Basement Wall Insulation-Combo	Combo	30	Units	\$45.00	11	11	11	11	73.89	6.73
RWC0004	Contractor Rebates - Home Solutions	Contractor Rebates	Crawlspace Insulation-Combo	Combo	30	Units	\$45.00	27	27	27	27	26.71	3.10
RWC0006	Contractor Rebates - Home Solutions	Contractor Rebates	Rim Joist Insulation - Combo	Combo	30	Units	\$45.00	67	67	67	67	41.04	2.54
RWC0008	Contractor Rebates - Home Solutions	Contractor Rebates	Window Replacement (Per Unit) - Combo	Combo	25	Units	\$13.50	2252	2252	2252	2252	18.40	0.42
RWC0009	Contractor Rebates - Home Solutions	Contractor Rebates	Door Replacement (Per Unit) - Combo	Combo	20	Units	\$36.00	219	219	219	219	65.63	1.82
RWC0017	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-49-Combo	Combo	30	Units	\$157.50	840	840	840	840	102.04	5.34
RWC0021	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-60-Combo	Combo	30	Units	\$180.00	467	467	467	467	114.94	6.06
RWC0024	Contractor Rebates - Home Solutions	Contractor Rebates	Triple Pane Window - Combo	Combo	25	Units	\$13.50	143	143	143	143	30.01	0.43
RWC2000	Contractor Rebates - Home Solutions	Contractor Rebates	Customer Amends (Combination Customer)	Combo	1	Units	\$225.00	23	23	23	23	0.00	0.00
RWE0001	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-38-Electric	Electric	30	Units	\$45.00	12	12	12	12	97.30	0.00
RWE0002	Contractor Rebates - Home Solutions	Contractor Rebates	Wall Insulation-Electric	Electric	30	Units	\$45.00	60	60	60	60	144.33	0.00
RWE0003	Contractor Rebates - Home Solutions	Contractor Rebates	Basement Wall Insulation-Electric	Electric	30	Units	\$45.00	6	6	6	6	147.38	0.00
RWE0004	Contractor Rebates - Home Solutions	Contractor Rebates	Crawlspace Insulation-Electric	Electric	30	Units	\$9.00	7	7	7	7	52.16	0.00
RWE0006	Contractor Rebates - Home Solutions	Contractor Rebates	Rim Joist Insulation - Electric	Electric	30	Units	\$18.00	41	41	41	41	52.43	0.00
RWE0008	Contractor Rebates - Home Solutions	Contractor Rebates	Window Replacement (Per Unit) - Electric	Electric	25	Units	\$13.50	1221	1221	1221	1221	22.26	0.00
RWE0009	Contractor Rebates - Home Solutions	Contractor Rebates	Door Replacement (Per Unit) - Electric	Electric	20	Units	\$36.00	102	102	102	102	70.17	0.00
RWE0017	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-49 -Electric	Electric	30	Units	\$54.00	92	92	92	92	119.91	0.00
RWE0020	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-30-Electric	Electric	30	Units	\$45.00	16	16	16	16	107.52	0.00
RWE0021	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-60-Electric	Electric	30	Units	\$63.00	20	20	20	20	132.67	0.00
RWE0024	Contractor Rebates - Home Solutions	Contractor Rebates	Triple Pane Window - Electric	Electric	25	Units	\$13.50	3	3	3	3	21.75	0.00
RWG0001	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-38-Gas	Gas	30	Units	\$112.50	46	46	46	46	0.00	3.67
RWG0002	Contractor Rebates - Home Solutions	Contractor Rebates	Wall Insulation-Gas	Gas	30	Units	\$112.50	181	181	181	181	0.00	7.00
RWG0003	Contractor Rebates - Home Solutions	Contractor Rebates	Basement Wall Insulation-Gas	Gas	30	Units	\$45.00	23	23	23	23	0.00	6.73
RWG0004	Contractor Rebates - Home Solutions	Contractor Rebates	Crawlspace Insulation-Gas	Gas	30	Units	\$45.00	30	30	30	30	0.00	3.65
RWG0006	Contractor Rebates - Home Solutions	Contractor Rebates	Rim Joist Insulation - Gas	Gas	30	Units	\$45.00	128	128	128	128	0.00	2.71
RWG0008	Contractor Rebates - Home Solutions	Contractor Rebates	Window Replacement (Per Unit) - Gas	Gas	25	Units	\$13.50	5212	5212	5212	5212	0.00	0.31
RWG0009	Contractor Rebates - Home Solutions	Contractor Rebates	Door Replacement (Per Unit) - Gas	Gas	20	Units	\$36.00	510	510	510	510	0.00	2.02
RWG0017	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-49 -Gas	Gas	30	Units	\$157.50	2365	2365	2365	2365	0.00	5.06
RWG0020	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-30-Gas	Gas	30	Units	\$112.50	32	32	32	32	0.00	4.25
RWG0021	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-60-Gas	Gas	30	Units	\$180.00	596	596	596	596	0.00	6.17
RWG0024	Contractor Rebates - Home Solutions	Contractor Rebates	Triple Pane Window - Gas	Gas	25	Units	\$13.50	57	57	57	57	0.00	0.31
RAC0309	Retail Rebates	Retail Rebates	Wi-Fi Enabled Thermostat - Combination Customers	Combo	9	Units	\$65.00	300	300	300	300	120.12	4.65
RAC0328	Retail Rebates	Retail Rebates	Wi-Fi Enabled Thermostat - Tier 3 - Combination Customers	Combo	9	Units	\$65.00	1200	1200	1200	1200	103.75	0.92
RAE0303	Retail Rebates	Retail Rebates	Energy Star Dehumidifier	Electric	12	Units	\$36.00	200	205	210	215	211.76	0.00
RAE0310	Retail Rebates	Retail Rebates	Wi-Fi Enabled Thermostat - Electric Customers	Electric	9	Units	\$65.00	200	205	210	215	122.81	0.00
RAE0315	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Gas water heater, Gas dryer - Electric Customers	Electric	11	Units	\$45.00	900	900	900	900	18.73	0.00
RAE0318	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Gas water heater, Electric dryer - Electric Customers	Electric	11	Units	\$45.00	609	624	640	656	95.37	0.00
RAE0321	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Electric Water heater, Gas Dryer - Electric Customers	Electric	11	Units	\$45.00	163	167	171	175	74.94	0.00
RAE0322	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Electric Water heater, Gas Dryer - Combination Customers	Combo	11	Units	\$45.00	75	75	75	75	74.94	0.30
RAE0324	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Electric Water heater, Electric Dryer - Electric Customers	Electric	11	Units	\$45.00	514	527	540	554	151.49	0.00
RAE0325	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Electric Water heater, Electric Dryer - Combination Customers	Electric	11	Units	\$45.00	155	159	163	167	151.49	0.00
RAE0329	Retail Rebates	Retail Rebates	Wi-Fi Enabled Thermostat - Tier 3 - Electric Customers	Electric	9	Units	\$65.00	700	718	736	754	120.40	0.00
RAE0336	Retail Rebates	Retail Rebates	ENERGY STAR Air Purifier CADR 51-100	Electric	9	Units	\$45.00	350	359	368	377	274.62	0.00
RAE0337	Retail Rebates	Retail Rebates	ENERGY STAR Air Purifier CADR 101-150	Electric	9	Units	\$45.00	2650	2716	2784	2854	398.36	0.00
RAE0338	Retail Rebates	Retail Rebates	ENERGY STAR Air Purifier CADR 151-200	Electric	9	Units	\$45.00	50	51	52	53	476.10	0.00
RAE0339	Retail Rebates	Retail Rebates	ENERGY STAR Air Purifier CADR 201-250	Electric	9	Units	\$45.00	600	615	630	646	611.34	0.00
RAE0340	Retail Rebates	Retail Rebates	ENERGY STAR Air Purifier CADR Over 250	Electric	9	Units	\$45.00	900	923	946	970	814.20	0.00

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
RAE0341	Retail Rebates	Retail Rebates	ENERGY STAR 8.0 TV (31-40")	Electric	6	Units	\$45.00	5	5	5	5	137.91	0.00
RAE0342	Retail Rebates	Retail Rebates	ENERGY STAR 8.0 TV (41-50")	Electric	6	Units	\$45.00	5	5	5	5	203.50	0.00
RAE0343	Retail Rebates	Retail Rebates	ENERGY STAR 8.0 TV (51-60")	Electric	6	Units	\$45.00	5	5	5	5	285.66	0.00
RAE0344	Retail Rebates	Retail Rebates	ENERGY STAR 8.0 TV (>60")	Electric	6	Units	\$45.00	2000	2050	2101	2154	381.80	0.00
RAE0346	Retail Rebates	Retail Rebates	ENERGY STAR Electric Clothes Dryer	Electric	12	Units	\$45.00	1200	1230	1261	1293	131.74	0.00
RAE0347	Retail Rebates	Retail Rebates	ENERGY STAR Heat Pump Clothes Dryer	Electric	12	Units	\$112.50	400	410	420	431	400.20	0.00
RAE0348	Retail Rebates	Retail Rebates	Refrigerators Freezers ENERGY STAR - Side by Side	Electric	16	Units	\$22.50	800	820	841	862	51.89	0.00
RAE0349	Retail Rebates	Retail Rebates	Refrigerators Freezers ENERGY STAR - Top Freezer	Electric	16	Units	\$22.50	150	154	158	163	37.54	0.00
RAE0350	Retail Rebates	Retail Rebates	Refrigerators Freezers ENERGY STAR - Bottom Freezer	Electric	16	Units	\$22.50	120	123	126	129	55.11	0.00
RAE0351	Retail Rebates	Retail Rebates	Freezers ENERGY STAR - Chest Freezer	Electric	21	Units	\$22.50	100	103	106	109	27.78	0.00
RAE0352	Retail Rebates	Retail Rebates	Tier 1 Advanced Power Strips	Electric	5	Units	\$10.80	3000	3075	3152	3231	59.06	0.00
RAE0353	Retail Rebates	Retail Rebates	ENERGY STAR Pool Pump (In-ground)	Electric	7	Units	\$90.00	100	103	106	109	271.22	0.00
RAE0354	Retail Rebates	Retail Rebates	ENERGY STAR Pool Pump (Above ground)	Electric	7	Units	\$90.00	25	26	27	28	195.96	0.00
RAE0356	Retail Rebates	Retail Rebates	ENERGY STAR* Inverter-Driven Room Air Conditioner (AC) (>=8,000Btu/h)	Electric	9	Units	\$90.00	129	132	135	138	307.76	0.00
RAG0311	Retail Rebates	Retail Rebates	Wi-Fi Enabled Thermostat - Gas Customers	Gas	9	Units	\$65.00	412.5	412.5	412.5	412.5	0.00	4.65
RAG0314	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Gas water heater, Gas dryer - Gas Customers	Gas	11	Units	\$25.00	814.5	814.5	814.5	814.5	0.00	0.49
RAG0316	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Gas water heater, Gas dryer - Combination Customers	Combo	11	Units	\$45.00	450	450	450	450	18.73	0.49
RAG0317	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Gas water heater, Electric dryer - Gas Customers	Gas	11	Units	\$25.00	227	227	227	227	0.00	0.23
RAG0319	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Gas water heater, Electric dryer - Combination Customers	Combo	11	Units	\$45.00	475	475	475	475	95.37	0.23
RAG0320	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Electric Water heater, Gas Dryer - Gas Customers	Gas	11	Units	\$25.00	47	47	47	47	0.00	0.30
RAG0323	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Electric Water heater, Electric Dryer - Gas Customers	Gas	11	Units	\$25.00	2.5	2.5	2.5	2.5	0.00	0.00
RAG0330	Retail Rebates	Retail Rebates	Wi-Fi Enabled Thermostat - Tier 3 - Gas Customers	Gas	9	Units	\$65.00	1275	1275	1275	1275	0.00	0.96
RAG0335	Retail Rebates	Retail Rebates	Low Flow Showerheads 1.75 gpm gas water heater_instant markdown	Gas	10	Units	\$10.00	10940	10940	10940	10940	0.00	0.85
RAG0337	Retail Rebates	Retail Rebates	ENERGY STAR Gas Clothes Dryer	Gas	12	Units	\$50.00	514.5	514.5	514.5	514.5	0.00	0.44
RAG0338	Retail Rebates	Retail Rebates	Window Insulation Film Kit (3 window) - Instant	Gas	1	Units	\$40.00	2250	2250	2250	2250	0.00	1.09
RAE0360	Retail Rebates	Retail Rebates	Refrigerators ENERGY STAR - Refrig Freezer - single door	Electric	16	Units	\$22.50	120	123	126	129	31.46	0.00
RAE0361	Retail Rebates	Retail Rebates	Freezers ENERGY STAR - Upright Freezer	Electric	21	Units	\$22.50	250	256	262	269	36.62	0.00
RHC1000	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 2	Combo	1	Units	\$45.00	100	100	100	100	0.00	0.00
RHC1001	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 3	Combo	1	Units	\$90.00	146	146	146	146	0.00	0.00
RHC1002	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 4	Combo	1	Units	\$90.00	50	50	50	50	0.00	0.00
RHC1003	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 5	Combo	1	Units	\$90.00	50	50	50	50	0.00	0.00
RHC1004	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 6	Combo	1	Units	\$135.00	50	50	50	50	0.00	0.00
RHC1005	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 7	Combo	1	Units	\$180.00	50	50	50	50	0.00	0.00
RHC1006	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 2	Combo	1	Units	\$45.00	210	210	210	210	0.00	0.00
RHC1007	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 3	Combo	1	Units	\$135.00	260	260	260	260	0.00	0.00
RHC1008	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 4	Combo	1	Units	\$225.00	50	50	50	50	0.00	0.00
RHC1009	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 5	Combo	1	Units	\$315.00	30	30	30	30	0.00	0.00
RHC1010	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 6	Combo	1	Units	\$450.00	20	20	20	20	0.00	0.00
RHC1011	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 7	Combo	1	Units	\$630.00	10	10	10	10	0.00	0.00
RHE1000	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 2	Electric	1	Units	\$45.00	50	50	50	50	0.00	0.00
RHE1001	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 3	Electric	1	Units	\$90.00	100	100	100	100	0.00	0.00
RHE1002	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 4	Electric	1	Units	\$90.00	20	20	20	20	0.00	0.00
RHE1003	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 5	Electric	1	Units	\$90.00	15	15	15	15	0.00	0.00
RHE1004	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 6	Electric	1	Units	\$135.00	10	10	10	10	0.00	0.00
RHE1005	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 7	Electric	1	Units	\$180.00	5	5	5	5	0.00	0.00
RHE1006	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 2	Electric	1	Units	\$45.00	20	20	20	20	0.00	0.00
RHE1007	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 3	Electric	1	Units	\$135.00	10	10	10	10	0.00	0.00
RHE1008	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 4	Electric	1	Units	\$225.00	5	5	5	5	0.00	0.00
RHE1009	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 5	Electric	1	Units	\$315.00	5	5	5	5	0.00	0.00
RHE1010	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 6	Electric	1	Units	\$450.00	3	3	3	3	0.00	0.00
RHE1011	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 7	Electric	1	Units	\$630.00	2	2	2	2	0.00	0.00
RHG1000	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 2	Gas	1	Units	\$45.00	400	400	400	400	0.00	0.00
RHG1001	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 3	Gas	1	Units	\$90.00	400	400	400	400	0.00	0.00
RHG1002	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 4	Gas	1	Units	\$90.00	300	300	300	300	0.00	0.00
RHG1003	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 5	Gas	1	Units	\$90.00	250	250	250	250	0.00	0.00
RHG1004	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 6	Gas	1	Units	\$135.00	250	250	250	250	0.00	0.00
RHG1005	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 7	Gas	1	Units	\$180.00	250	250	250	250	0.00	0.00
RHG1006	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 2	Gas	1	Units	\$45.00	350	350	350	350	0.00	0.00
RHG1007	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 3	Gas	1	Units	\$135.00	350	350	350	350	0.00	0.00
RHG1008	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 4	Gas	1	Units	\$225.00	300	300	300	300	0.00	0.00
RHG1009	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 5	Gas	1	Units	\$315.00	250	250	250	250	0.00	0.00
RHG1010	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 6	Gas	1	Units	\$450.00	250	250	250	250	0.00	0.00
RHG1011	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 7	Gas	1	Units	\$630.00	245	245	245	245	0.00	0.00
RACS002	Marketplace - Residential	Retail Rebates	Wi-Fi Enabled Thermostat - Combination Customers	Combo	9	Units	\$70.00	5600	5600	5600	5600	109.59	4.31
RAES002	Marketplace - Residential	Retail Rebates	ENERGY STAR Air Purifier CADR 101-150	Electric	9	Units	\$45.00	240	240	240	240	398.36	0.00
RAES003	Marketplace - Residential	Retail Rebates	ENERGY STAR Air Purifier CADR 151-200	Electric	9	Units	\$45.00	55.86764	55.86764	55.86764	55.86764	476.10	0.00
RAES004	Marketplace - Residential	Retail Rebates	ENERGY STAR Air Purifier CADR 201-250	Electric	9	Units	\$45.00	40	40	40	40	611.34	0.00
RAES005	Marketplace - Residential	Retail Rebates	ENERGY STAR Air Purifier CADR 51-100	Electric	9	Units	\$45.00	54.56959	54.56959	54.56959	54.56959	274.62	0.00
RAES006	Marketplace - Residential	Retail Rebates	ENERGY STAR Air Purifier CADR Over 250	Electric	9	Units	\$45.00	109.7818	109.7818	109.7818	109.7818	814.20	0.00
RAES007	Marketplace - Residential	Retail Rebates	Energy Star Dehumidifier	Electric	12	Units	\$18.00	104.7044	107.8456	107.8456	107.8456	211.76	0.00
RAES008	Marketplace - Residential	Retail Rebates	Wi-Fi Enabled Thermostat - Electric Customers	Electric	9	Units	\$70.00	4000	4000	4000	4000	114.02	0.00
RAES010	Marketplace - Residential	Retail Rebates	ENERGY STAR Room Air Conditioner	Electric	9	Units	\$18.00	62.16512	64	70	75	145.26	0.00
RAES013	Marketplace - Residential	Retail Rebates	ENERGY STAR 8.0 TV (51-60")	Electric	6	Units	\$45.00	25	25	25	25	285.66	0.00
RAES015	Marketplace - Residential	Retail Rebates	Tier 1 Advanced Power Strips	Electric	5	Units	\$9.00	379.5535	390.9401	390.9401	390.9401	59.06	0.00
RAES016	Marketplace - Residential	Retail Rebates	ENERGY STAR Continuous Bathroom Exhaust Fan	Electric	15	Units	\$22.50	50.26417	51.7721	51.7721	51.7721	49.93	0.00
RAES017	Marketplace - Residential	Retail Rebates	Low Flow Bathroom Faucet Aerators - 1.5 gpm electric water heater	Electric	10	Units	\$4.50	79.21973	81.59632	81.59632	81.59632	38.17	0.00
RAES018	Marketplace - Residential	Retail Rebates	Low Flow Kitchen Faucet Aerators - 1.5 gpm electric water heater	Electric	10	Units	\$4.50	39.01867	40.18923	40.18923	40.18923	264.55	0.00
RAES019	Marketplace - Residential	Retail Rebates	Low Flow Showerheads 1.5 gpm electric water heater	Electric	10	Units	\$9.00	91.2492	93.98668	93.98668	93.98668	315.07	0.00
RAGS002	Marketplace - Residential	Retail Rebates	Wi-Fi Enabled Thermostat - Gas Customers	Gas	9	Units	\$70.00	7040	7040	7040	7040	0.00	4.09
RAGS004	Marketplace - Residential	Retail Rebates	Low Flow Bathroom Faucet Aerators - 1.5 gpm gas water heater	Gas	10	Units	\$5.00	457.5	457.5	457.5	457.5	0.00	0.16

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
RAG5005	Marketplace - Residential	Retail Rebates	Low Flow Kitchen Faucet Aerators - 1.5 gpm gas water heater	Gas	10 Units		\$4.50	410	410	410	410	0.00	1.10
RAG5006	Marketplace - Residential	Retail Rebates	Low Flow Showerheads 1.5 gpm gas water heater	Gas	10 Units		\$9.00	410	410	410	410	0.00	1.32
RAG5007	Marketplace - Residential	Retail Rebates	Window Insulation Film (5 window kit)	Gas	1 Units		\$11.00	765	765	765	765	0.00	1.71
RIC0004	Income Qualified	Income-Qualified Single Family	Audit Education Combo or Gas and Electric Measures - OTG (Direct Program)	Combo	1 Units		\$0.00	2040	2040	2040	2040	0.00	0.00
RIC0012	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 15% and LT 20% leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	100	100	100	100	0.07	0.00
RIC0013	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 20% and LT 25%leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	100	100	100	100	0.14	0.01
RIC0014	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 25% and LT 30% leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	100	100	100	100	0.26	0.01
RIC0015	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 30% and LT 35% leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	100	100	100	100	0.39	0.02
RIC0016	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 35% and LT 40% leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	100	100	100	100	0.52	0.02
RIC0017	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 40% and LT 45% leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	100	100	100	100	0.67	0.03
RIC0018	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 45% and LT 50% leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	100	100	100	100	0.84	0.03
RIC0019	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 50% leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	100	100	100	100	0.99	0.04
RIC0020	Income Qualified	Income-Qualified Single Family	MHI - Pre Weatherization Blower Door Test - Gas Customer (Direct Program)	Combo	1 Units		\$0.00	2000	2000	2000	2000	0.00	0.00
RIC0023	Income Qualified	Income-Qualified Single Family	Add-A-Wire Module Installation - Combination Service (Direct Program)	Combo	1 Units		\$0.00	20	20	20	20	0.00	0.00
RIC0024	Income Qualified	Income-Qualified Single Family	Thermostat Wiring Replacement - Combination Service (Direct Program)	Combo	1 Units		\$0.00	10	10	10	10	0.00	0.00
RIC0025	Income Qualified	Income-Qualified Single Family	Air Sealing - 20% Reduction - (Agency Rebate)	Combo	13 Square Feet		\$0.00	96752	96752	96752	96752	0.04	0.00
RIC0026	Income Qualified	Income-Qualified Single Family	Air Sealing - 30% Reduction - (Agency Rebate)	Combo	13 Square Feet		\$0.00	58399	58399	58399	58399	0.06	0.00
RIC0027	Income Qualified	Income-Qualified Single Family	Air Sealing - 40% Reduction - (Agency Rebate)	Combo	13 Square Feet		\$0.00	36769	36769	36769	36769	0.07	0.00
RIC0028	Income Qualified	Income-Qualified Single Family	Air Sealing - 50% Reduction - (Agency Rebate)	Combo	13 Square Feet		\$0.00	18730	18730	18730	18730	0.10	0.01
RIC0029	Income Qualified	Income-Qualified Single Family	Manufactured Home Duct Sealing - 30% Reduction - (Agency Rebate)	Combo	18 Square Feet		\$0.00	100	100	100	100	0.35	0.02
RIC0030	Income Qualified	Income-Qualified Single Family	Manufactured Home Duct Sealing - 40% Reduction - (Agency Rebate)	Combo	18 Square Feet		\$0.00	100	100	100	100	0.61	0.03
RIC0031	Income Qualified	Income-Qualified Single Family	Manufactured Home Duct Sealing - 50% Reduction - (Agency Rebate)	Combo	100		\$0.00	100	100	100	100	0.94	0.04
RIC0032	Income Qualified	Income-Qualified Single Family	Attic Insulation to R30 - (Agency Rebate)	Combo	30 Square Feet		\$0.00	16497	16497	16497	16497	0.31	0.01
RIC0033	Income Qualified	Income-Qualified Single Family	Attic Insulation to R49 - (Agency Rebate)	Combo	30 Square Feet		\$0.00	7405	7405	7405	7405	0.31	0.01
RIC0034	Income Qualified	Income-Qualified Single Family	Wall Insulation - (Agency Rebate)	Combo	30 Square Feet		\$0.00	20000	20000	20000	20000	0.14	0.01
RIC0035	Income Qualified	Income-Qualified Single Family	Kneewall Insulation to R-19 - (Agency Rebate)	Combo	30 Square Feet		\$0.00	1500	1500	1500	1500	0.51	0.02
RIC0036	Income Qualified	Income-Qualified Single Family	Basement Wall Insulation - (Agency Rebate)	Combo	30 Square Feet		\$0.00	1500	1500	1500	1500	0.15	0.01
RIC0037	Income Qualified	Income-Qualified Single Family	Floor Insulation - (Agency Rebate)	Combo	30 Square Feet		\$0.00	200	200	200	200	0.17	0.01
RIC0038	Income Qualified	Income-Qualified Single Family	Crawspace Insulation - (Agency Rebate)	Combo	30 Square Feet		\$0.00	4000	4000	4000	4000	0.10	0.01
RIC0039	Income Qualified	Income-Qualified Single Family	Band Joist Insulation - (Agency Rebate)	Combo	30 Units		\$0.00	10	10	10	10	68.77	3.46
RIC0040	Income Qualified	Income-Qualified Single Family	Multi-measure Bonus - (Agency Rebate)	Combo	1 Units		\$0.00	100	100	100	100	0.00	0.00
RIC0042	Income Qualified	Income-Qualified Single Family	Wi-Fi Enabled Thermostat Moderate Setback - (Agency Rebate)	Combo	9 Units		\$0.00	5	5	5	5	213.31	7.43
RIC0043	Income Qualified	Income-Qualified Single Family	Manufactured Belly Insulation 100% coverage base - (Agency Rebate)	Combo	30 Square Feet		\$0.00	10000	10000	10000	10000	0.08	0.01
RIC0044	Income Qualified	Income-Qualified Single Family	Programmable Thermostat Moderate Setback - (Agency Rebate)	Combo	9 Units		\$0.00	25	25	25	25	141.75	5.21
RIC0045	Income Qualified	Income-Qualified Single Family	Programmable Thermostat Moderate Setback - (Direct Program)	Combo	9 Units		\$0.00	400	400	400	400	123.87	4.77
RIC0046	Income Qualified	Income-Qualified Single Family	Energy Star Door - (Agency Rebate)	Combo	20 Units		\$0.00	2	2	2	2	21.98	1.56
RIC0047	Income Qualified	Income-Qualified Single Family	Energy Star Window Replacement (Per Square Footage) - (Agency Rebate)	Combo	25 Square Feet		\$0.00	20	20	20	20	0.66	0.02
RIC0048	Income Qualified	Income-Qualified Single Family	Trade Ally Programmable Thermostat Moderate Setback - (Direct Program)	Combo	9 Units		\$0.00	50	50	50	50	123.80	4.77
RIC0049	Income Qualified	Income-Qualified Single Family	Amends Trade Ally Programmable Thermostat Moderate Setback - (Direct Program)	Combo	1 Units		\$0.00	10	10	10	10	0.00	0.00
RIC0051	Income Qualified	Income-Qualified Single Family	Amends Programmable Thermostat Moderate Setback - (Agency Rebate)	Combo	1 Units		\$0.00	10	10	10	10	0.00	0.00
RIC0053	Income Qualified	Income-Qualified Single Family	Amends Programmable Thermostat Moderate Setback - (Direct Program)	Combo	1 Units		\$0.00	10	10	10	10	0.00	0.00
RIC0054	Income Qualified	Income-Qualified Single Family	Wi-Fi Thermostat - Moderate Setback - (Direct Program)	Combo	9 Units		\$0.00	300	300	300	300	132.17	5.06
RIC0055	Income Qualified	Income-Qualified Single Family	Attic Insulation Installed _R-38 Final Effective value - (Direct Program)	Combo	30 Square Feet		\$0.00	45435	45435	45435	45435	0.20	0.01
RIC0056	Income Qualified	Income-Qualified Single Family	Attic Insulation Installed _R-49 Final Effective value - (Direct Program)	Combo	30 Square Feet		\$0.00	590662	590662	590662	590662	0.16	0.01
RIC0057	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 20% Reduction - (Direct Program)	Combo	13 Square Feet		\$0.00	371333	371333	371333	371333	0.03	0.00
RIC0058	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 30% Reduction - (Direct Program)	Combo	13 Square Feet		\$0.00	118216	118216	118216	118216	0.05	0.00
RIC0059	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 40% Reduction - (Direct Program)	Combo	13 Square Feet		\$0.00	52313	52313	52313	52313	0.07	0.00
RIC0060	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 50% Reduction - (Direct Program)	Combo	13 Square Feet		\$0.00	17484	17484	17484	17484	0.09	0.00
RIC0061	Income Qualified	Income-Qualified Single Family	Programming Existing Thermostat - Moderate - Combination - (Direct Program)	Combo	3 Units		\$0.00	25	25	25	25	157.48	6.06
RIC0062	Income Qualified	Income-Qualified Single Family	Attic Preparation Hourly Rate (Direct Program)	Combo	1 Units		\$0.00	1800	1800	1800	1800	0.00	0.00
RIC0063	Income Qualified	Income-Qualified Single Family	Spray Foam Band Joist R-20 or higher - (Direct Program)	Combo	30 Units		\$0.00	300	300	300	300	51.71	2.90
RIC0064	Income Qualified	Income-Qualified Single Family	Window Film Insulation Kit (Coverage = 15 SQ.FT Glazing) - (Direct Program)	Combo	1 Units		\$0.00	8000	8000	8000	8000	4.49	0.32
RIC0068	Income Qualified	Income-Qualified Single Family	Amends WiFi Thermostats Moderate Setback - Combination Service (Direct Program)	Combo	1 Units		\$0.00	10	10	10	10	0.00	0.00
RIC0069	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 55 % and LT 60 %leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	100	100	100	100	0.91	0.05
RIC0070	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 60 % and LT 65 %leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	100	100	100	100	1.08	0.06
RIC0071	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 65 % and LT 70 %leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	100	100	100	100	1.27	0.07
RIC0072	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 70 % and LT 75 %leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	100	100	100	100	1.50	0.08
RIC0073	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 75 % and LT 80 %leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	337500	337500	337500	337500	1.74	0.09
RIC0074	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 80 % and LT 85 %leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	3350000	3600000	3850000	4100000	2.01	0.11
RIC0075	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 85 % and LT 90 %leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	1156250	1156250	1156250	1156250	2.30	0.12
RIC0076	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 90 % and LT 95 %leakage base (Direct Program)	Combo	18 Square Feet		\$0.00	187500	187500	187500	187500	2.62	0.14
RIC0077	Income Qualified	Income-Qualified Single Family	Above Grade Wall Insulation (Direct Program)	Combo	30 1000 Square Feet		\$0.00	1	1	1	1	140.08	4.56
RIC0081	Income Qualified	Income-Qualified Single Family	Attic Hatch Insulation R-38 scuttle hole (Direct Program)	Combo	30 Units		\$0.00	50	50	50	50	23.63	0.23
RIC0078	Income Qualified	Income-Qualified Single Family	Kneewall Insulation R0 to R19 (Direct Program)	Combo	30 Square Feet		\$0.00	1500	1500	1500	1500	0.38	0.03
RIC0079	Income Qualified	Income-Qualified Single Family	Kneewall Insulation R6 to R19 (Direct Program)	Combo	30 Square Feet		\$0.00	1500	1500	1500	1500	0.12	0.01
RIC0080	Income Qualified	Income-Qualified Single Family	Wall Insulation R-5 Base Add R-10 Continuous - (Direct Program)	Combo	30 Square Feet		\$0.00	5000	5000	5000	5000	0.13	0.01
RIE0010	Income Qualified	Income-Qualified Single Family	Refrigerator - 21 cf -- Income Qualified Direct Install (Direct Program)	Electric	8.3 Units		\$0.00	1344	1344	1344	1344	1175.80	0.00
RIE0025	Income Qualified	Income-Qualified Single Family	LED Night Light (Direct Program)	Electric	12 Units		\$0.00	33600	33600	33600	33600	22.00	0.00
RIE0035	Income Qualified	Income-Qualified Single Family	Low Flow Showerhead - 1.5 gpm (Direct Program)	Electric	10 Units		\$0.00	448	448	448	448	345.89	0.00
RIE0036	Income Qualified	Income-Qualified Single Family	Low Flow Showerhead - 1.5 gpm Handheld (Direct Program)	Electric	10 Units		\$0.00	268.8	268.8	268.8	268.8	342.47	0.00
RIE0039	Income Qualified	Income-Qualified Single Family	Low Flow Kitchen Faucet Aerator - Electric 1.5gpm (Direct Program)	Electric	10 Units		\$0.00	448	448	448	448	258.80	0.00
RIE0048	Income Qualified	Income-Qualified Single Family	Low Flow Bath Faucet Aerators - Electric 1.0gpm (Direct Program)	Electric	10 Units		\$0.00	448	448	448	448	63.50	0.00
RIE0050	Income Qualified	Income-Qualified Single Family	Pipe Wrap - Electric (Direct Program)	Electric	15 Linear Feet		\$0.00	11200	11200	11200	11200	47.94	0.00
RIE0054	Income Qualified	Income-Qualified Single Family	LED Bulb Replacing A-Line 60W (Direct Program)	Electric	1 Units		\$0.00	5600	5600	5600	5600	28.50	0.00
RIE0083	Income Qualified	Income-Qualified Single Family	Outdoor LED PAR Flood (Direct Program)	Electric	1 Units		\$0.00	2240	2240	2240	2240	276.40	0.00
RIE0085	Income Qualified	Income-Qualified Single Family	Audit Education Electric Measures - OTG (Direct Program)	Electric	1 Units		\$0.00	2016	2016	2016	2016	0.00	0.00
RIE0086	Income Qualified	Income-Qualified Single Family	LED Exterior Fixture Lamp Replacement (Direct Program)	Electric	12 Units		\$0.00	3360	3360	3360	3360	122.00	0.00
RIE0090	Income Qualified	Income-Qualified Single Family	Shower Start Added to Existing Low Flow Showerhead 1.5 gpm - Electric Water Heater (Direct Program)	Electric	10 Units		\$0.00	1.12	1.12	1.12	1.12	61.41	0.00
RIE0091	Income Qualified	Income-Qualified Single Family	Low Flow Showerheads + Shower Start - Electric Water Heater (NON-CAA)	Electric	10 Units		\$0.00	5.6	5.6	5.6	5.6	403.88	0.00
RIE0092	Income Qualified	Income-Qualified Single Family	Shower Flow Optimizer 1.5gpm - Electric Water Heater (Direct Program)	Electric	10 Units		\$0.00	11.2	11.2	11.2	11.2	342.47	0.00

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2025 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
RIE0094	Income Qualified	Income-Qualified Single Family	LED A-line LT or EQ 6W Replacing 40W Equivalent (Direct Program)	Electric	1	Units	\$0.00	5600	5600	5600	5600	19.60	0.00
RIE0095	Income Qualified	Income-Qualified Single Family	LED Globe LT or EQ 8W (Direct Program)	Electric	1	Units	\$0.00	11200	11200	11200	11200	26.94	0.00
RIE0096	Income Qualified	Income-Qualified Single Family	LED Candelabra Small Base LT or EQ 5W (Direct Program)	Electric	1	Units	\$0.00	560	560	560	560	23.70	0.00
RIE0097	Income Qualified	Income-Qualified Single Family	Energy Star Dehumidifier (Direct Program)	Electric	12	Units	\$0.00	1200	1200	1200	1200	236.80	0.00
RIE0098	Income Qualified	Income-Qualified Single Family	LED Candelabra Medium Base LT or EQ 5W (Direct Program)	Electric	1	Units	\$0.00	560	560	560	560	23.70	0.00
RIE0102	Income Qualified	Income-Qualified Single Family	Add-A-Wire Module Installation - Electric Only Service (Direct Program)	Electric	1	Units	\$0.00	2.24	2.24	2.24	2.24	0.00	0.00
RIE0103	Income Qualified	Income-Qualified Single Family	Thermostat Wiring Replacement - Electric Only Service(Direct Program)	Electric	1	Units	\$0.00	11.2	11.2	11.2	11.2	0.00	0.00
RIE0105	Income Qualified	Income-Qualified Single Family	LED PAR/R/BR <=15.5 Watt (Direct Program)	Electric	1	Units	\$0.00	896	896	896	896	53.73	0.00
RIE0106	Income Qualified	Income-Qualified Single Family	Advanced Power Strip Tier 1 Workstations (Direct Program)	Electric	5	Units	\$0.00	896	896	896	896	25.80	0.00
RIE0107	Income Qualified	Income-Qualified Single Family	Advanced Power Strip Tier 1 AV Systems (Direct Program)	Electric	5	Units	\$0.00	2912	2912	2912	2912	77.00	0.00
RIE0108	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 20% Reduction - (Agency Rebate)	Electric	13	Square Feet	\$0.00	28000	28000	28000	28000	0.04	0.00
RIE0109	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 30% Reduction - (Agency Rebate)	Electric	13	Square Feet	\$0.00	28000	28000	28000	28000	0.06	0.00
RIE0110	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 40% Reduction - (Agency Rebate)	Electric	13	Square Feet	\$0.00	28000	28000	28000	28000	0.07	0.00
RIE0111	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 50% Reduction - (Agency Rebate)	Electric	13	Square Feet	\$0.00	28000	28000	28000	28000	0.09	0.00
RIE0112	Income Qualified	Income-Qualified Single Family	Manufactured Home Duct Sealing - 30% Reduction - (Agency Rebate)	Electric	18	Square Feet	\$0.00	1120	1120	1120	1120	0.35	0.00
RIE0113	Income Qualified	Income-Qualified Single Family	Manufactured Home Duct Sealing - 40% Reduction - (Agency Rebate)	Electric	18	Square Feet	\$0.00	1120	1120	1120	1120	0.61	0.00
RIE0114	Income Qualified	Income-Qualified Single Family	Manufactured Home Duct Sealing - 50% Reduction - (Agency Rebate)	Electric	18	Square Feet	\$0.00	1000000	1000000	1000000	1000000	0.94	0.00
RIE0115	Income Qualified	Income-Qualified Single Family	Attic Insulation to R-30 - (Agency Rebate)	Electric	30	Square Feet	\$0.00	50400	50400	50400	50400	0.15	0.00
RIE0116	Income Qualified	Income-Qualified Single Family	Attic Insulation to R-49 - (Agency Rebate)	Electric	30	Square Feet	\$0.00	24640	24640	24640	24640	0.10	0.00
RIE0117	Income Qualified	Income-Qualified Single Family	Wall Insulation - (Agency Rebate)	Electric	30	Square Feet	\$0.00	13440	13440	13440	13440	0.14	0.00
RIE0118	Income Qualified	Income-Qualified Single Family	Kneewall Insulation to R-19 - (Agency Rebate)	Electric	30	Square Feet	\$0.00	1680	1680	1680	1680	0.49	0.00
RIE0119	Income Qualified	Income-Qualified Single Family	Basement Wall Insulation - (Agency Rebate)	Electric	30	Square Feet	\$0.00	4480	4480	4480	4480	0.01	0.00
RIE0120	Income Qualified	Income-Qualified Single Family	Floor Insulation - (Agency Rebate)	Electric	30	Square Feet	\$0.00	2240	2240	2240	2240	0.17	0.00
RIE0121	Income Qualified	Income-Qualified Single Family	Crawlspace Wall Insulation - (Agency Rebate)	Electric	30	Square Feet	\$0.00	4480	4480	4480	4480	0.09	0.00
RIE0122	Income Qualified	Income-Qualified Single Family	Rim (Band) Joist Insulation - (Agency Rebate)	Electric	30	Units	\$0.00	1120	1120	1120	1120	62.81	0.00
RIE0123	Income Qualified	Income-Qualified Single Family	Multimeasure Bonus - (Agency Rebate)	Electric	1	Units	\$0.00	112	112	112	112	0.00	0.00
RIE0124	Income Qualified	Income-Qualified Single Family	Refrigerator Recycling & Replacement - (Agency Rebate)	Electric	8.3	Units	\$0.00	560	560	560	560	1175.80	0.00
RIE0125	Income Qualified	Income-Qualified Single Family	ENERGY STAR Heat Pump Water Heaters in Semi-Conditioned Space, <= 55 gallons - (Agency Rebate)	Electric	10	Units	\$0.00	56	56	56	56	1673.00	0.00
RIE0126	Income Qualified	Income-Qualified Single Family	Central AC - 15.2 SEER2 or Higher - (Agency Rebate)	Electric	15	Units	\$0.00	22.4	22.4	22.4	22.4	287.54	0.00
RIE0130	Income Qualified	Income-Qualified Single Family	Wi-Fi Enabled Thermostat Moderate Setback - (Agency Rebate)	Electric	9	Units	\$0.00	11.2	11.2	11.2	11.2	148.63	0.00
RIE0131	Income Qualified	Income-Qualified Single Family	Minisplit Cold Climate Heat pump SEER 21 HSPF 11 or Higher - (Agency Rebate)	Electric	15	Units	\$0.00	13.44	13.44	13.44	13.44	4427.19	0.00
RIE0132	Income Qualified	Income-Qualified Single Family	Energy Star Dehumidifier - (Agency Rebate)	Electric	12	Units	\$0.00	11.2	11.2	11.2	11.2	236.80	0.00
RIE0133	Income Qualified	Income-Qualified Single Family	Manufactured Belly insulation 100% coverage base - (Agency Rebate)	Electric	30	Square Feet	\$0.00	2240	2240	2240	2240	0.08	0.00
RIE0135	Income Qualified	Income-Qualified Single Family	LED Holiday Lights (Direct Program)	Electric	10	Units	\$0.00	5600	5600	5600	5600	10.60	0.00
RIE0136	Income Qualified	Income-Qualified Single Family	Programmable Thermostat Moderate Setback - (Agency Rebate)	Electric	9	Units	\$0.00	448	448	448	448	131.14	0.00
RIE0137	Income Qualified	Income-Qualified Single Family	Programmable Thermostat Moderate Setback - (Direct Program)	Electric	9	Units	\$0.00	56	56	56	56	159.20	0.00
RIE0138	Income Qualified	Income-Qualified Single Family	ENERGY STAR Continuous Bathroom Exhaust Fan - (Agency Rebate)	Electric	15	Units	\$0.00	33.6	33.6	33.6	33.6	54.27	0.00
RIE0144	Income Qualified	Income-Qualified Single Family	LED Night Light Flood Bulb Distribution	Electric	12	Units	\$0.00	400000	400000	400000	400000	20.42	0.00
RIE0145	Income Qualified	Income-Qualified Single Family	15.2 SEER2 or Higher AHRI certified AC up to 2.5 tons - (Direct Program)	Electric	15	Units	\$0.00	72.8	72.8	72.8	72.8	230.18	0.00
RIE0146	Income Qualified	Income-Qualified Single Family	15.2 SEER2 or Higher AHRI certified AC Greater Than 3 Tons - (Direct Program)	Electric	15	Units	\$0.00	67.2	67.2	67.2	67.2	476.31	0.00
RIE0148	Income Qualified	Income-Qualified Single Family	ENERGY STAR Heat Pump Water Heaters in Semi-Conditioned Space e 2.5 UEF - (Direct Program)	Electric	10	Units	\$0.00	200	200	200	200	1846.00	0.00
RIE0149	Income Qualified	Income-Qualified Single Family	Customer Declined Direct Install Measures - (Direct Program)	Electric	1	Units	\$0.00	11.2	11.2	11.2	11.2	0.00	0.00
RIE0151	Income Qualified	Income-Qualified Single Family	Trade Ally Programmable Thermostat Moderate Setback - (Direct Program)	Electric	9	Units	\$0.00	56	56	56	56	106.18	0.00
RIE0160	Income Qualified	Income-Qualified Single Family	Amends Trade Ally Programmable Thermostat Moderate Setback - (Direct Program)	Electric	1	Units	\$0.00	11.2	11.2	11.2	11.2	0.00	0.00
RIE0162	Income Qualified	Income-Qualified Single Family	Amends Programmable Thermostat Moderate Setback - (Agency Rebate)	Electric	1	Units	\$0.00	11.2	11.2	11.2	11.2	0.00	0.00
RIE0163	Income Qualified	Income-Qualified Single Family	Amends Programmable Thermostat Moderate Setback - (Direct Program)	Electric	1	Units	\$0.00	11.2	11.2	11.2	11.2	0.00	0.00
RIE0168	Income Qualified	Income-Qualified Single Family	Programming Existing Thermostat - Moderate - Electric - (Direct Program)	Electric	3	Units	\$0.00	28	28	28	28	166.35	0.00
RIE0169	Income Qualified	Income-Qualified Single Family	Air Purifier CADR 201-250 ENERGY STAR (Direct Program)	Electric	9	Units	\$0.00	5600	5600	5600	5600	664.50	0.00
RIE0170	Income Qualified	Income-Qualified Single Family	Wi-Fi Thermostat - Moderate Setback - (Direct Program)	Electric	9	Units	\$0.00	11.2	11.2	11.2	11.2	146.42	0.00
RIE0173	Income Qualified	Income-Qualified Single Family	Amends WIFI Thermostats Moderate Setback - Electric Service (Direct Program)	Electric	1	Units	\$0.00	11.2	11.2	11.2	11.2	0.00	0.00
RIE0174	Income Qualified	Income-Qualified Single Family	1L 4' LED Tube replacing T8 1L 4' lamp	Electric	18	Units	\$0.00	112	112	112	112	12.60	0.00
RIE0181	Income Qualified	Income-Qualified Single Family	ENERGY STAR Room AC less than 8,000 Btu hr	Electric	9	Units	\$0.00	10	10	10	10	76.50	0.00
RIE0182	Income Qualified	Income-Qualified Single Family	ENERGY STAR Room AC greater than or equal 8,000 Btu hr	Electric	9	Units	\$0.00	10	10	10	10	269.00	0.00
RIE0183	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 55 % and LT 60 %leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	3920	3920	3920	3920	0.91	0.00
RIE0184	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 60 % and LT 65 %leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	3920	3920	3920	3920	1.08	0.00
RIE0185	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 65 % and LT 70 %leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	3920	3920	3920	3920	1.27	0.00
RIE0186	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 70 % and LT 75 %leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	39200	39200	39200	39200	1.50	0.00
RIE0187	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 75 % and LT 80 %leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	2548000	2548000	2548000	2548000	1.74	0.00
RIE0188	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 80 % and LT 85 %leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	588000	588000	588000	588000	2.01	0.00
RIE0189	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 85 % and LT 90 %leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	392000	392000	392000	392000	2.30	0.00
RIE0190	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 90 % and LT 95 %leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	194933	194933	194933	194933	2.62	0.00
RIE0200	Income Qualified	Income-Qualified Single Family	Attic Hatch Insulation R-38 scuttle hole (Direct Program)	Electric	30	Units	\$0.00	112	112	112	112	23.63	0.00
RIE0203	Income Qualified	Income-Qualified Single Family	Attic Insulation Installed _R-38 Final Effective value - (Direct Program)	Electric	30	Square Feet	\$0.00	22400	22400	22400	22400	0.20	0.00
RIE0204	Income Qualified	Income-Qualified Single Family	Attic Insulation Installed _R-49 Final Effective value - (Direct Program)	Electric	30	Square Feet	\$0.00	76160	76160	76160	76160	0.16	0.00
RIE0205	Income Qualified	Income-Qualified Single Family	Attic Preparation Hourly Rate (Direct Program)	Electric	1	Units	\$0.00	2016	2016	2016	2016	0.00	0.00
RIE0215	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 15% and LT 20% leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	3920	3920	3920	3920	0.07	0.00
RIE0216	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 20% and LT 25%leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	3920	3920	3920	3920	0.14	0.00
RIE0207	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 25% and LT 30% leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	3920	3920	3920	3920	0.26	0.00
RIE0208	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 30% and LT 35% leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	3920	3920	3920	3920	0.39	0.00
RIE0209	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 35% and LT 40% leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	3920	3920	3920	3920	0.52	0.00
RIE0210	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 40% and LT 45% leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	3920	3920	3920	3920	0.67	0.00
RIE0211	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 45% and LT 50% leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	3920	3920	3920	3920	0.84	0.00
RIE0212	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 50% leakage base (Direct Program)	Electric	18	Square Feet	\$0.00	3920	3920	3920	3920	0.99	0.00
RIE0206	Income Qualified	Income-Qualified Single Family	Energy Star Window Replacement (Per Square Footage) - (Agency Rebate)	Electric	25	Square Feet	\$0.00	22.4	22.4	22.4	22.4	0.66	0.00
RIE0191	Income Qualified	Income-Qualified Single Family	Kneewall Insulation R0 to R19 (Direct Program)	Electric	30	Square Feet	\$0.00	1680	1680	1680	1680	0.38	0.00
RIE0192	Income Qualified	Income-Qualified Single Family	Kneewall Insulation R6 to R19 (Direct Program)	Electric	30	Square Feet	\$0.00	1680	1680	1680	1680	0.12	0.00
RIE0214	Income Qualified	Income-Qualified Single Family	MHI - Pre Blower Door Test (Direct Program)	Electric	1	Units	\$0.00	1120	1120	1120	1120	0.00	0.00
RIE0193	Income Qualified	Income-Qualified Single Family	Pre Weatherization Blower Door Test - Electric Customer (Direct Program)	Electric	1	Units	\$0.00	1120	1120	1120	1120	0.00	0.00
RIE0194	Income Qualified	Income-Qualified Single Family	Pre Weatherization Blower Door Test - Electric Customer (Direct Program)	Electric	1	Units	\$0.00	1120	1120	1120	1120	0.00	0.00
RIE0195	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 20% Reduction - (Direct Program)	Electric	13	Square Feet	\$0.00	28000	28000	28000	28000	0.03	0.00

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
RIE0196	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 30% Reduction - (Direct Program)	Electric	13 Square Feet		\$0.00	28000	28000	28000	28000	0.05	0.00
RIE0197	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 40% Reduction - (Direct Program)	Electric	13 Square Feet		\$0.00	28000	28000	28000	28000	0.07	0.00
RIE0198	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 50% Reduction - (Direct Program)	Electric	13 Square Feet		\$0.00	28000	28000	28000	28000	0.09	0.00
RIE0199	Income Qualified	Income-Qualified Single Family	Wall Insulation R-5 Base Add R-10 Continuous - (Direct Program)	Electric	30 Square Feet		\$0.00	5600	5600	5600	5600	0.13	0.00
RIE0201	Income Qualified	Income-Qualified Single Family	Spray Foam Band Joist R-20 or higher - (Direct Program)	Electric	30 Units		\$0.00	336	336	336	336	51.71	0.00
RIE0202	Income Qualified	Income-Qualified Single Family	Trade Ally Band Joist R-20 or higher - (Direct Program)	Electric	30 Units		\$0.00	168	168	168	168	135.98	0.00
RCE0002	Income Qualified	Income-Qualified Single Family	Residential Income Qualified Custom - Electric	Electric	10.37 Units		\$0.00	224	224	224	224	631.25	0.00
RIG0049	Income Qualified	Income-Qualified Single Family	Low Flow Showerhead - 1.5 gpm (Direct Program)	Gas	10 Units		\$0.00	900	900	900	900	0.00	1.45
RIG0050	Income Qualified	Income-Qualified Single Family	Low Flow Showerhead - 1.5 gpm Handheld (Direct Program)	Gas	10 Units		\$0.00	1560	1560	1560	1560	0.00	1.43
RIG0052	Income Qualified	Income-Qualified Single Family	O and M Tuneup Furnace Only - Direct Install (Direct Program)	Gas	2 Units		\$0.00	2100	2100	2100	2100	0.00	7.40
RIG0053	Income Qualified	Income-Qualified Single Family	Low Flow Kitchen Faucet Aerator - Gas 1.5gpm (Direct Program)	Gas	10 Units		\$0.00	1200	1200	1200	1200	0.00	1.08
RIG0082	Income Qualified	Income-Qualified Single Family	Pre Weatherization Blower Door Test - Gas Customer (Direct Program)	Gas	1 Units		\$0.00	600	600	600	600	0.00	0.00
RIG0083	Income Qualified	Income-Qualified Single Family	Post Weatherization Blower Door Test - Gas Customer (Direct Program)	Gas	1 Units		\$0.00	600	600	600	600	0.00	0.00
RIG0084	Income Qualified	Income-Qualified Single Family	Caz, Health and Safety Testing - Gas Customer (Direct Program)	Gas	1 Units		\$0.00	3600	3600	3600	3600	0.00	0.00
RIG0085	Income Qualified	Income-Qualified Single Family	CO Detector Gas Customer (Direct Program)	Gas	1 Units		\$0.00	4200	4200	4200	4200	0.00	0.00
RIG0093	Income Qualified	Income-Qualified Single Family	Low Flow Bath Faucet Aerators - Gas 1.0gpm (Direct Program)	Gas	10 Units		\$0.00	1800	1800	1800	1800	0.00	0.26
RIG0095	Income Qualified	Income-Qualified Single Family	Door weatherstripping (Direct Program)	Gas	5 Units		\$0.00	300	300	300	300	0.00	0.22
RIG0097	Income Qualified	Income-Qualified Single Family	Pipe Wrap - Gas (Direct Program)	Gas	15 Linear Feet		\$0.00	24660	24660	24660	24660	0.00	0.22
RIG0100	Income Qualified	Income-Qualified Single Family	O and M Tuneup Boiler Only - (Direct Program)	Gas	2 Units		\$0.00	60	60	60	60	0.00	4.94
RIG0110	Income Qualified	Income-Qualified Single Family	Kneewall Insulation R0 to R19 (Direct Program)	Gas	30 Square Feet		\$0.00	900	900	900	900	0.00	0.03
RIG0111	Income Qualified	Income-Qualified Single Family	Kneewall Insulation R6 to R19 (Direct Program)	Gas	30 Square Feet		\$0.00	900	900	900	900	0.00	0.01
RIG0113	Income Qualified	Income-Qualified Single Family	Attic Hatch Insulation R-38 scuttle hole (Direct Program)	Gas	30 Units		\$0.00	180	180	180	180	0.00	0.22
RIG0135	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 15% and LT 20% leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.00
RIG0136	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 20% and LT 25%leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.01
RIG0137	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 25% and LT 30% leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.01
RIG0141	Income Qualified	Income-Qualified Single Family	Audit Education Gas Measures - DTG (Direct Program)	Gas	1 Units		\$0.00	1440	1440	1440	1440	0.00	0.00
RIG0144	Income Qualified	Income-Qualified Single Family	Furnace Inspection Trade Ally (Direct Program)	Gas	1 Units		\$0.00	60	60	60	60	0.00	0.00
RIG0145	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 30% and LT 35% leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.02
RIG0146	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 35% and LT 40% leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.02
RIG0147	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 40% and LT 45% leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.03
RIG0148	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 45% and LT 50% leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.03
RIG0149	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 50% leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.04
RIG0150	Income Qualified	Income-Qualified Single Family	MHI - Pre Blower Door Test (Direct Program)	Gas	1 Units		\$0.00	1200	1200	1200	1200	0.00	0.00
RIG0159	Income Qualified	Income-Qualified Single Family	Shower Start Added to Existing Low Flow Showerhead 1.5 gpm - Gas Water Heater (Direct Program)	Gas	10 Units		\$0.00	3	3	3	3	0.00	0.26
RIG0160	Income Qualified	Income-Qualified Single Family	Low Flow Showerheads (1.5 gpm) + Shower Start - Gas Water Heater (NON-CAA)	Gas	10 Units		\$0.00	3	3	3	3	0.00	1.70
RIG0161	Income Qualified	Income-Qualified Single Family	Shower Flow Optimizer 1.5gpm - Gas Water Heater (Direct Program)	Gas	10 Units		\$0.00	12	12	12	12	0.00	1.43
RIG0163	Income Qualified	Income-Qualified Single Family	Carbon Monoxide Testing (Direct Program)	Gas	1 Units		\$0.00	3600	3600	3600	3600	0.00	0.00
RIG0167	Income Qualified	Income-Qualified Single Family	Add-A-Wire Module Installation - Gas Only Service (Direct Program)	Gas	1 Units		\$0.00	3	3	3	3	0.00	0.00
RIG0168	Income Qualified	Income-Qualified Single Family	Thermostat Wiring Replacement - Gas Only Service (Direct Program)	Gas	1 Units		\$0.00	6	6	6	6	0.00	0.00
RIG0171	Income Qualified	Income-Qualified Single Family	Air Sealing - 40% Reduction - (Agency Rebate)	Gas	13 Square Feet		\$0.00	9085.2	9085.2	9085.2	9085.2	0.00	0.00
RIG0172	Income Qualified	Income-Qualified Single Family	Air Sealing - 50% Reduction - (Agency Rebate)	Gas	13 Square Feet		\$0.00	7787.4	7787.4	7787.4	7787.4	0.00	0.00
RIG0173	Income Qualified	Income-Qualified Single Family	Manufactured Home Duct Sealing - 30% Reduction - (Agency Rebate)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.02
RIG0174	Income Qualified	Income-Qualified Single Family	Manufactured Home Duct Sealing - 40% Reduction - (Agency Rebate)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.03
RIG0175	Income Qualified	Income-Qualified Single Family	Manufactured Home Duct Sealing - 50% Reduction - (Agency Rebate)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.04
RIG0176	Income Qualified	Income-Qualified Single Family	Attic Insulation to R30 - (Agency Rebate)	Gas	30 Square Feet		\$0.00	9250.2	9250.2	9250.2	9250.2	0.00	0.01
RIG0177	Income Qualified	Income-Qualified Single Family	Attic Insulation to R49 - (Agency Rebate)	Gas	30 Square Feet		\$0.00	30000	30000	30000	30000	0.00	0.01
RIG0178	Income Qualified	Income-Qualified Single Family	Wall Insulation - (Agency Rebate)	Gas	30 Square Feet		\$0.00	9600	9600	9600	9600	0.00	0.01
RIG0179	Income Qualified	Income-Qualified Single Family	Kneewall Insulation - (Agency Rebate)	Gas	30 Square Feet		\$0.00	1200	1200	1200	1200	0.00	0.02
RIG0180	Income Qualified	Income-Qualified Single Family	Basement Wall Insulation - (Agency Rebate)	Gas	30 Square Feet		\$0.00	600	600	600	600	0.00	0.01
RIG0181	Income Qualified	Income-Qualified Single Family	Floor Insulation - (Agency Rebate)	Gas	30 Square Feet		\$0.00	1200	1200	1200	1200	0.00	0.01
RIG0182	Income Qualified	Income-Qualified Single Family	Crawlspace Insulation - (Agency Rebate)	Gas	30 Square Feet		\$0.00	3600	3600	3600	3600	0.00	0.01
RIG0183	Income Qualified	Income-Qualified Single Family	Band Joist Insulation - (Agency Rebate)	Gas	30 Units		\$0.00	6	6	6	6	0.00	2.36
RIG0184	Income Qualified	Income-Qualified Single Family	Multimeasure Bonus - (Agency Rebate)	Gas	1 Units		\$0.00	60	60	60	60	0.00	0.00
RIG0186	Income Qualified	Income-Qualified Single Family	Wi-Fi Enabled Thermostat Moderate Setback - (Agency Rebate)	Gas	9 Units		\$0.00	6	6	6	6	0.00	3.37
RIG0187	Income Qualified	Income-Qualified Single Family	Natural Gas Furnace Tune-Up - (Agency Rebate)	Gas	2 Units		\$0.00	120	120	120	120	0.00	7.72
RIG0191	Income Qualified	Income-Qualified Single Family	Natural Gas Boiler AFUE >= 95% - (Agency Rebate)	Gas	15 Units		\$0.00	3	3	3	3	0.00	10.14
RIG0197	Income Qualified	Income-Qualified Single Family	Manufactured Belly insulation 100% coverage base - (Agency Rebate)	Gas	30 Square Feet		\$0.00	600	600	600	600	0.00	0.01
RIG0198	Income Qualified	Income-Qualified Single Family	Air Sealing - 20% Reduction - (Agency Rebate)	Gas	13 Square Feet		\$0.00	18170.4	18170.4	18170.4	18170.4	0.00	0.00
RIG0199	Income Qualified	Income-Qualified Single Family	Air Sealing - 30% Reduction - (Agency Rebate)	Gas	13 Square Feet		\$0.00	16440	16440	16440	16440	0.00	0.00
RIG0200	Income Qualified	Income-Qualified Single Family	Programmable Thermostat Moderate Setback - (Agency Rebate)	Gas	9 Units		\$0.00	30	30	30	30	0.00	4.46
RIG0201	Income Qualified	Income-Qualified Single Family	Programmable Thermostat Moderate Setback - (Direct Program)	Gas	9 Units		\$0.00	600	600	600	600	0.00	3.86
RIG0204	Income Qualified	Income-Qualified Single Family	Energy Star Door - (Agency Rebate)	Gas	20 Units		\$0.00	1.2	1.2	1.2	1.2	0.00	1.44
RIG0205	Income Qualified	Income-Qualified Single Family	Energy Star Window Replacement (Per Square Footage) - (Agency Rebate)	Gas	25 Square Feet		\$0.00	12	12	12	12	0.00	0.02
RIG0206	Income Qualified	Income-Qualified Single Family	CO Detector Gas Customer - (Agency Rebate)	Gas	1 Units		\$0.00	180	180	180	180	0.00	0.00
RIG0208	Income Qualified	Income-Qualified Single Family	Emergency Natural Gas Furnace AFUE >= 96 - (Agency Rebate)	Gas	15 Units		\$0.00	186	186	186	186	0.00	7.28
RIG0209	Income Qualified	Income-Qualified Single Family	Emergency Manufactured Home Natural Gas Furnace AFUE >= 95 - (Agency Rebate)	Gas	15 Units		\$0.00	84	84	84	84	0.00	15.46
RIG0210	Income Qualified	Income-Qualified Single Family	Emergency Energy Star Tankless Water Heater Replacement UEF>= 0.81 - (Agency Rebate)	Gas	20 Units		\$0.00	7.2	7.2	7.2	7.2	0.00	4.40
RIG0211	Income Qualified	Income-Qualified Single Family	Emergency Power Vented Water Heater Energy Star UEF >= 0.64 - (Agency Rebate)	Gas	13 Units		\$0.00	120	120	120	120	0.00	4.40
RIG0215	Income Qualified	Income-Qualified Single Family	Natural Gas Boiler AFUE >= 95 - (Direct Program)	Gas	15 Units		\$0.00	36	36	36	36	0.00	8.83
RIG0216	Income Qualified	Income-Qualified Single Family	Natural Gas Furnace AFUE >= 96 - (Direct Program)	Gas	15 Units		\$0.00	360	360	360	360	0.00	8.60
RIG0217	Income Qualified	Income-Qualified Single Family	Natural Gas Furnace AFUE >= 96 (100 kBTUH) - (Direct Program)	Gas	15 Units		\$0.00	60	60	60	60	0.00	12.90
RIG0218	Income Qualified	Income-Qualified Single Family	Major Gas Piping Changes - (Direct Program)	Gas	1 Units		\$0.00	180	180	180	180	0.00	0.00
RIG0219	Income Qualified	Income-Qualified Single Family	Supply Duct Modifications - (Direct Program)	Gas	1 Units		\$0.00	300	300	300	300	0.00	0.00
RIG0220	Income Qualified	Income-Qualified Single Family	Return Air Duct Modifications - (Direct Program)	Gas	1 Units		\$0.00	240	240	240	240	0.00	0.00
RIG0221	Income Qualified	Income-Qualified Single Family	Condensate Pump Installation - (Direct Program)	Gas	1 Units		\$0.00	240	240	240	240	0.00	0.00
RIG0222	Income Qualified	Income-Qualified Single Family	Chimney liner Installation - (Direct Program)	Gas	1 Units		\$0.00	30	30	30	30	0.00	0.00
RIG0224	Income Qualified	Income-Qualified Single Family	High Capacity Natural Gas Storage Power Vented Water Heater Energy Star UEF e 0.64 UEF - (Direct Program)	Gas	13 Units		\$0.00	330	330	330	330	0.00	4.40
RIG0226	Income Qualified	Income-Qualified Single Family	High Capacity Natural Gas On-demand Water Heater e 0.81 UEF - (Direct Program)	Gas	20 Units		\$0.00	30	30	30	30	0.00	4.40
RIG0227	Income Qualified	Income-Qualified Single Family	Customer Declined Direct Install Measures - (Direct Program)	Gas	1 Units		\$0.00	6	6	6	6	0.00	0.00
RIG0228	Income Qualified	Income-Qualified Single Family	Trade Ally Programmable Thermostat Moderate Setback - (Direct Program)	Gas	9 Units		\$0.00	60	60	60	60	0.00	5.33

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
RIG0240	Income Qualified	Income-Qualified Single Family	Emergency Tanked Water Heater Energy Star UEF > = 0.64 - (Agency Rebate)	Gas	13 Units		\$0.00	12	12	12	12	0.00	4.40
RIG0243	Income Qualified	Income-Qualified Single Family	Amends Trade Ally Programmable Thermostat Moderate Setback - (Direct Program)	Gas	1 Units		\$0.00	6	6	6	6	0.00	0.00
RIG0245	Income Qualified	Income-Qualified Single Family	Amends Programmable Thermostat Moderate Setback - (Agency Rebate)	Gas	1 Units		\$0.00	6	6	6	6	0.00	0.00
RIG0247	Income Qualified	Income-Qualified Single Family	Amends Programmable Thermostat Moderate Setback - (Direct Program)	Gas	1 Units		\$0.00	72	72	72	72	0.00	0.00
RIG0248	Income Qualified	Income-Qualified Single Family	Manufactured Home O and M Tuneup Furnace Only - Direct Install (Direct Program)	Gas	2 Units		\$0.00	1200	1200	1200	1200	0.00	5.32
RIG0249	Income Qualified	Income-Qualified Single Family	Window Film Insulation Kit (Coverage = 15 SQ.FT Glazing) Food Bank Bulb Distribution - (Direct Program)	Gas	1 Units		\$0.00	36000	36000	36000	36000	0.00	0.32
RIG0250	Income Qualified	Income-Qualified Single Family	Wi-Fi Thermostat - Moderate Setback - (Direct Program)	Gas	9 Units		\$0.00	240	240	240	240	0.00	5.09
RIG0251	Income Qualified	Income-Qualified Single Family	Attic Preparation Hourly Rate (Direct Program)	Gas	1 Units		\$0.00	1080	1080	1080	1080	0.00	0.00
RIG0252	Income Qualified	Income-Qualified Single Family	Attic Insulation Installed _R-38 Final Effective value - (Direct Program)	Gas	30 Square Feet		\$0.00	6481.2	6481.2	6481.2	6481.2	0.00	0.01
RIG0253	Income Qualified	Income-Qualified Single Family	Attic Insulation Installed _R-49 Final Effective value - (Direct Program)	Gas	30 Square Feet		\$0.00	360847	360847	360847	360847	0.00	0.01
RIG0254	Income Qualified	Income-Qualified Single Family	Manufactured Home Natural Gas Furnace AFUE > = 95% - (Direct Program)	Gas	15 Units		\$0.00	180	180	180	180	0.00	8.22
RIG0255	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 20% Reduction - (Direct Program)	Gas	13 Square Feet		\$0.00	632236.2	632236.2	632236.2	632236.2	0.00	0.00
RIG0256	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 30% Reduction - (Direct Program)	Gas	13 Square Feet		\$0.00	5338.8	5338.8	5338.8	5338.8	0.00	0.00
RIG0257	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 40% Reduction - (Direct Program)	Gas	13 Square Feet		\$0.00	2609.4	2609.4	2609.4	2609.4	0.00	0.00
RIG0258	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 50% Reduction - (Direct Program)	Gas	13 Square Feet		\$0.00	1331.4	1331.4	1331.4	1331.4	0.00	0.00
RIG0259	Income Qualified	Income-Qualified Single Family	Trade Ally Band Joist R-20 or higher - (Direct Program)	Gas	30 Units		\$0.00	90	90	90	90	0.00	3.52
RIG0260	Income Qualified	Income-Qualified Single Family	Programming Existing Thermostat - Moderate - Gas - (Direct Program)	Gas	3 Units		\$0.00	30	30	30	30	0.00	5.68
RIG0262	Income Qualified	Income-Qualified Single Family	Spray Foam Band Joist R-20 or higher - (Direct Program)	Gas	30 Units		\$0.00	180	180	180	180	0.00	2.87
RIG0263	Income Qualified	Income-Qualified Single Family	Window Film Insulation Kit (Coverage = 15 SQ.FT Glazing) - (Direct Program)	Gas	1 Units		\$0.00	3000	3000	3000	3000	0.00	0.29
RIG0268	Income Qualified	Income-Qualified Single Family	Amends WIFI Thermostats Moderate Setback - Gas Only Service (Direct Program)	Gas	1 Units		\$0.00	6	6	6	6	0.00	0.00
RIG0269	Income Qualified	Income-Qualified Single Family	Wall Insulation R-5 Base Add R-10 Continuous - (Direct Program)	Gas	30 Square Feet		\$0.00	3000	3000	3000	3000	0.00	0.01
RIG0271	Income Qualified	Income-Qualified Single Family	Wall Insulation Uninsulated Base to R-7 - (Direct Program)	Gas	30 Square Feet		\$0.00	1200	1200	1200	1200	0.00	0.02
RIG0272	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 55 % and LT 60 %leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.05
RIG0273	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 60 % and LT 65 %leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.06
RIG0274	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 65 % and LT 70 %leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.07
RIG0275	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 70 % and LT 75 %leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	72000	72000	72000	72000	0.00	0.08
RIG0276	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 75 % and LT 80 %leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	336000	336000	336000	336000	0.00	0.09
RIG0277	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 80 % and LT 85 %leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	84000	84000	84000	84000	0.00	0.11
RIG0278	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 85 % and LT 90 %leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	60000	60000	60000	60000	0.00	0.12
RIG0279	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 90 % and LT 95 %leakage base (Direct Program)	Gas	18 Square Feet		\$0.00	600	600	600	600	0.00	0.14
RIG0280	Income Qualified	Income-Qualified Single Family	Above Grade Wall Insulation (Direct Program)	Gas	30 1000 Square Feet		\$0.00	0.6	0.6	0.6	0.6	0.00	4.56
RCG0002	Income Qualified	Income-Qualified Single Family	Residential Income Qualified Custom - Gas	Gas	10.05 Units		\$0.00	300	300	300	300	0.00	9.01
RXC0338	Assessments and Behavioral	Assessments and Behavioral	Audit Education (Combo or Gas and Electric Measures - OTG)	Combo	1 Units		\$0.00	3484.04	3484.04	3484.04	3484.04	0.00	0.00
RXE0340	Assessments and Behavioral	Assessments and Behavioral	Audit Education (Electric Measures - OTG)	Electric	1 Units		\$0.00	1167.48	1167.48	1167.48	1167.48	0.00	0.00
RXG0339	Assessments and Behavioral	Assessments and Behavioral	Audit Education (Gas Measures - OTG)	Gas	1 Units		\$0.00	5621.2	5621.2	5621.2	5621.2	0.00	0.00
RXC0300	Assessments and Behavioral	Assessments and Behavioral	Assessment Performed - Customer Refused DI (Combination Customer)	Combo	1 Units		\$0.00	32.2	32.2	32.2	32.2	0.00	0.00
RXG0302	Assessments and Behavioral	Assessments and Behavioral	Assessment Performed - Customer Refused DI (Gas Customer)	Gas	1 Units		\$0.00	460	460	460	460	0.00	0.00
RXC0346	Assessments and Behavioral	Assessments and Behavioral	Wi-Fi Thermostat - Moderate Setback	Combo	9 Units		\$60.13	353.74	353.74	353.74	353.74	161.23	6.32
RXE0339	Assessments and Behavioral	Assessments and Behavioral	Wi-Fi Thermostat - Moderate Setback - Electric	Electric	9 Units		\$60.13	22.08	22.08	22.08	22.08	165.53	0.00
RXG0347	Assessments and Behavioral	Assessments and Behavioral	Wi-Fi Thermostat - Moderate Setback	Gas	9 Units		\$60.13	741.52	741.52	741.52	741.52	0.00	6.18
RXC0345	Assessments and Behavioral	Assessments and Behavioral	Setback Thermostat - Moderate Setback	Combo	9 Units		\$21.78	197.34	197.34	197.34	197.34	146.87	5.83
RXE0338	Assessments and Behavioral	Assessments and Behavioral	Setback Thermostat - Moderate Setback - Electric	Electric	9 Units		\$21.78	13.34	13.34	13.34	13.34	165.99	0.00
RXG0346	Assessments and Behavioral	Assessments and Behavioral	Setback Thermostat - Moderate Setback	Gas	9 Units		\$21.78	567.64	567.64	567.64	567.64	0.00	5.21
RXC0361	Assessments and Behavioral	Assessments and Behavioral	Programming Existing Thermostat - Moderate - Combination	Combo	3 Units		\$0.00	36	36	36	36	171.96	6.66
RXE0361	Assessments and Behavioral	Assessments and Behavioral	Programming Existing Thermostat - Moderate - Electric	Electric	3 Units		\$0.00	3	3	3	3	105.05	0.00
RXG0361	Assessments and Behavioral	Assessments and Behavioral	Programming Existing Thermostat - Moderate - Gas	Gas	3 Units		\$0.00	239	239	239	239	0.00	5.76
RXE0325	Assessments and Behavioral	Assessments and Behavioral	Pipe Wrap 3/4 inch - electric water heater	Electric	15 Linear Feet		\$1.38	5295.11	5201.93	5201.93	5201.93	46.92	0.00
RXG0326	Assessments and Behavioral	Assessments and Behavioral	Pipe Wrap 3/4 inch - Gas Water Heater	Gas	15 Linear Feet		\$1.38	128256.3	128256.3	128256.3	128256.3	0.00	0.23
RXE0327	Assessments and Behavioral	Assessments and Behavioral	Std Low Flow Bath Aerator (1.0 gpm) - Electric Water Heater	Electric	10 Units		\$0.82	225.94	208.78	208.78	208.78	60.50	0.00
RXG0328	Assessments and Behavioral	Assessments and Behavioral	Std Low Flow Bath Aerator (1.0 gpm) - Gas Water Heater	Gas	10 Units		\$0.82	8392.24	8392.24	8392.24	8392.24	0.00	0.25
RXE0312	Assessments and Behavioral	Assessments and Behavioral	Dual Spray Kitchen Low Flow Aerator (1.5gpm) - Electric Water Heater	Electric	10 Units		\$2.61	182.73	175.35	175.35	175.35	246.82	0.00
RXG0311	Assessments and Behavioral	Assessments and Behavioral	Dual Spray Kitchen Low Flow Aerator (1.5 gpm) - Gas Water Heater	Gas	10 Units		\$2.61	3109.6	3109.6	3109.6	3109.6	0.00	1.03
RXE0314	Assessments and Behavioral	Assessments and Behavioral	Handheld Showerheads (1.5 gpm) - Electric water heater	Electric	10 Units		\$10.63	339.98	330.02	330.02	330.02	315.07	0.00
RXG0313	Assessments and Behavioral	Assessments and Behavioral	Handheld Showerheads (1.5 gpm) - Gas Water Heater	Gas	10 Units		\$10.63	5129	5129	5129	5129	0.00	1.32
RXE0319	Assessments and Behavioral	Assessments and Behavioral	Low Flow Showerheads (1.5 gpm) - Electric water heater	Electric	10 Units		\$4.15	337.61	327.83	327.83	327.83	287.03	0.00
RXG0320	Assessments and Behavioral	Assessments and Behavioral	Low Flow Showerheads (1.5 gpm) - Gas water heater	Gas	10 Units		\$4.15	1992.72	1992.72	1992.72	1992.72	0.00	1.20
RXG0321	Assessments and Behavioral	Assessments and Behavioral	Low Flow Showerheads (1.5 gpm) + Shower Start - Gas Water Heater	Gas	10 Units		\$24.30	1	1	1	1	0.00	1.32
RXE0352	Assessments and Behavioral	Assessments and Behavioral	Advanced Power Strip Tier 1 AV Stations	Electric	5 Units		\$30.00	379.96	379.96	379.96	379.96	70.84	0.00
RXE0351	Assessments and Behavioral	Assessments and Behavioral	Advanced Power Strip Tier 1 Workstations	Electric	5 Units		\$30.00	270.48	270.48	270.48	270.48	23.74	0.00
RXG0362	Assessments and Behavioral	Assessments and Behavioral	Window Film Insulation Kit	Gas	1 Units		\$5.06	10300	10300	10300	10300	0.00	0.29
RXE0342	Assessments and Behavioral	Assessments and Behavioral	Shower Flow Optimizer (1.5gpm) - Electric Water Heater	Electric	10 Units		\$3.88	5.52	5.52	5.52	5.52	315.07	0.00
RXG0341	Assessments and Behavioral	Assessments and Behavioral	Shower Flow Optimizer (1.5gpm) - Gas Water Heater	Gas	10 Units		\$3.88	147.2	147.2	147.2	147.2	0.00	1.32
RXG0316	Assessments and Behavioral	Assessments and Behavioral	Shower Start (1.5 gpm) - Gas Water Heater	Gas	10 Units		\$20.15	32.2	32.2	32.2	32.2	0.00	1.23
RXC0357	Assessments and Behavioral	Assessments and Behavioral	Amends Wifi Thermostat - Combination	Combo	1 Units		\$120.25	32	32	32	32	0.00	0.00
RXC0357	Assessments and Behavioral	Assessments and Behavioral	Amends Wifi Thermostat - Gas	Gas	1 Units		\$120.25	19	19	19	19	0.00	0.00
RXC0356	Assessments and Behavioral	Assessments and Behavioral	Amends Setback Thermostat - Combination	Combo	1 Units		\$43.55	10	10	10	10	0.00	0.00
RXC0356	Assessments and Behavioral	Assessments and Behavioral	Amends Setback Thermostat - Gas	Gas	1 Units		\$43.55	2	2	2	2	0.00	0.00
RXE1340	Assessments and Behavioral	Assessments and Behavioral	Audit Education (Electric Measures - OTG) (Virtual)	Electric	1 Units		\$0.00	409.5	598.5	598.5	598.5	0.00	0.00
RXE1327	Assessments and Behavioral	Assessments and Behavioral	Std Low Flow Bath Aerator (1.0 gpm) - Electric Water Heater (Virtual)	Electric	10 Units		\$0.82	37.18	54.34	54.34	54.34	55.89	0.00
RXE1312	Assessments and Behavioral	Assessments and Behavioral	Dual Spray Kitchen Low Flow Aerator (1.5gpm) - Electric Water Heater (Virtual)	Electric	10 Units		\$2.61	15.99	23.37	23.37	23.37	241.27	0.00
RXE1314	Assessments and Behavioral	Assessments and Behavioral	Handheld Showerheads (1.5 gpm) - Electric water heater (Virtual)	Electric	10 Units		\$10.63	42.77	62.51	62.51	62.51	287.98	0.00
RTE0020	Appliance Recycling	Appliance Recycling	Refrigerator Recycling	Electric	8 Units		\$45.00	20700	0	0	0	908.45	0.00
RTE0021	Appliance Recycling	Appliance Recycling	Freezer Recycling	Electric	8 Units		\$45.00	4000	0	0	0	651.36	0.00
RTE0022	Appliance Recycling	Appliance Recycling	Dehumidifier Recycling	Electric	8 Units		\$13.50	2100	2100	2100	2100	127.88	0.00
RTE0023	Appliance Recycling	Appliance Recycling	Room Unit Air Conditioner Recycling	Electric	8 Units		\$13.50	1700	1700	1700	1700	127.88	0.00
RTE0034	Appliance Recycling	Appliance Recycling	Customer Bonus	Electric	1 Units		\$4.00	62500	62500	62500	62500	0.00	0.00
RTE0036	Appliance Recycling	Appliance Recycling	Small Refrigerator Recycling	Electric	5.62 Units		\$13.50	535	535	535	535	221.41	0.00
RTE0037	Appliance Recycling	Appliance Recycling	Small Freezer Recycling	Electric	5.62 Units		\$13.50	260	260	260	260	174.36	0.00
RTE0039	Appliance Recycling	Appliance Recycling	LMI LED Bulb Replacing A-Line 60W - With Savings	Electric	1 Units		\$0.00	5100	0	0	0	25.65	0.00
RTE0040	Appliance Recycling	Appliance Recycling	LMI Outdoor LED PAR Flood	Electric	1 Units								

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
RTE0041	Appliance Recycling	Appliance Recycling	LMI LED Night Light - With Savings (Kit)	Electric	12	Units	\$0.00	5100	0	0	0	19.80	0.00
RXCNew4	Assessments and Behavioral	Assessments and Behavioral	MHI - Alice Aerosol (w AC)	Combo	13	Units	\$0.00	800	800	800	800	1000.00	55.00
ROCNEW1	Assessments and Behavioral	Assessments and Behavioral	Combined HER Electric Savings - still reviewing tracks	Electric	1	Unit	\$0.00	20930000	20930000	20930000	20930000	1.00	0.00
ROCNEW2	Assessments and Behavioral	Assessments and Behavioral	Combined HER Gas Savings - still reviewing tracks	Gas	1	Unit	\$0.00	239006	239006	239006	239006	0.00	1.00
CLED187	Small Business Solutions	Small Business	1L 4' LED Tube replacing T8 1L 4' lamp	Electric	18	Units	\$1.75	12000	0	0	0	45.48	0.00
RME0597	Market-Rate - Market Rate	Market-Rate Multifamily	AC - SEER2 15.2	Electric	15	Tons	\$11.70	24	30	30	32	64.61	0.00
RME0636	Market-Rate - Market Rate	Market-Rate Multifamily	ASHP - Central Air with Electric Heat	Electric	15	Tons	\$540.00	2	2	2	2	2073.68	0.00
RME0616	Market-Rate - Market Rate	Market-Rate Multifamily	ASHP - No Cooling Electric Heat	Electric	15	Tons	\$495.00	2	2	2	2	2016.09	0.00
RME0637	Market-Rate - Market Rate	Market-Rate Multifamily	ASHP - Room AC with Electric Heat	Electric	15	Tons	\$630.00	2	2	3	2	2415.66	0.00
RME0638	Market-Rate - Market Rate	Market-Rate Multifamily	ASHP - SEER2 15.2	Electric	15	Tons	\$18.00	20	20	20	20	68.52	0.00
RCG0003	Market-Rate - Market Rate	Market-Rate Multifamily	Bonus-NC-Multifamily Custom-Natural Gas	Gas	1	Units	\$2.00	40000	40000	40000	40000	0.00	0.00
RME0593	Market-Rate - Market Rate	Market-Rate Multifamily	ccASHP - AC with Electric Heat	Electric	15	Tons	\$261.00	30	30	32	32	1063.64	0.00
RME0594	Market-Rate - Market Rate	Market-Rate Multifamily	ccASHP - Central Air with Electric Heat	Electric	15	Tons	\$301.50	50	50	50	50	1143.73	0.00
RME0592	Market-Rate - Market Rate	Market-Rate Multifamily	ccASHP - No cooling Electric Heat	Electric	15	Tons	\$225.00	20	20	20	20	959.01	0.00
RMC0019	Market-Rate - Market Rate	Market-Rate Multifamily	Ceiling insulation R-11 base to R-49 (Combo)	Combo	30	1000 Square Feet	\$360.00	50	50	50	50	329.57	7.39
RMG0131	Market-Rate - Market Rate	Market-Rate Multifamily	DHW Boiler Tune-Up	Gas	2	MBH	\$0.33	6750	6750	6750	6750	0.00	0.05
RME0567	Market-Rate - Market Rate	Market-Rate Multifamily	DI - Energy Star Air Purifier CADR Over 250	Electric	9	Units	\$0.00	80	80	80	80	814.20	0.00
RME0587	Market-Rate - Market Rate	Market-Rate Multifamily	DI-1 Lamp 4 Foot T8 LED Lamp replacing 1L 4 Foot T8-12/7 Common Area	Electric	11.42	Units	\$0.00	100	100	100	100	60.44	0.00
RME0588	Market-Rate - Market Rate	Market-Rate Multifamily	DI-1 Lamp 4 Foot T8 LED Lamp replacing 1L 4 Foot T8-24/7 Common Area	Electric	5.71	Units	\$0.00	100	100	100	100	120.89	0.00
RME0586	Market-Rate - Market Rate	Market-Rate Multifamily	DI-1 Lamp 4 Foot T8 LED Lamp replacing 1L 4 Foot T8-In-Unit	Electric	18	Units	\$0.00	100	100	100	100	11.59	0.00
RME0566	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Advanced Power Strips Tier 1	Electric	5	Units	\$0.00	80	80	80	80	59.00	0.00
RME0286	Market-Rate - Market Rate	Market-Rate Multifamily	DI-LED A-Series Lamp-60W Replacement	Electric	1	Units	\$0.00	55	50	30	10	11.42	0.00
RME0309	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Low-Flow Bath Aerator-Electric DHW	Electric	10	Units	\$0.00	450	400	450	450	65.22	0.00
RMG0205	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Low-Flow Bath Aerator-Natural Gas DHW	Gas	10	Units	\$0.00	1750	1750	1750	1750	0.00	0.28
RME0312	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Low-Flow Handheld Showerhead-1.5gpm-Electric DHW	Electric	10	Units	\$0.00	185	185	185	185	307.54	0.00
RME0316	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Low-Flow Handheld Showerhead-1.5gpm-Electric DHW	Electric	10	Units	\$0.00	150	150	150	150	655.72	0.00
RMG0208	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Low-Flow Handheld Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$0.00	250	250	250	250	0.00	1.29
RME0310	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Low-Flow Kitchen Aerator-1.5gpm-Electric DHW	Electric	10	Units	\$0.00	450	450	450	475	186.93	0.00
RMG0206	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Low-Flow Kitchen Aerator-1.5gpm-Natural Gas DHW	Gas	10	Units	\$0.00	850	850	850	850	0.00	0.80
RME0314	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Low-Flow Kitchen Aerator-Electric DHW	Electric	10	Units	\$0.00	150	200	200	200	186.93	0.00
RME0311	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Low-Flow Showerhead-1.5gpm-Electric DHW	Electric	10	Units	\$0.00	400	400	450	475	290.62	0.00
RME0315	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Low-Flow Showerhead-1.5gpm-Electric DHW	Electric	10	Units	\$0.00	150	150	150	150	619.66	0.00
RMG0207	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Low-Flow Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$0.00	900	850	850	850	0.00	1.29
RMG0222	Market-Rate - Market Rate	Market-Rate Multifamily	DI-PEX Pipe Wrap-DHW-Common Area (Gas)	Gas	20	Linear Feet	\$0.00	56	56	56	56	0.00	0.12
RME0438	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Pipe Wrap R3-DHW-In-Unit (Electric)	Electric	15	Linear Feet	\$0.00	110	100	100	110	46.92	0.00
RME0271	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Pipe Wrap R3-DHW-In-Unit (Gas)	Gas	15	Linear Feet	\$0.00	3	3	3	3	0.00	0.23
RME0277	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Pipe Wrap-DHW-Common Area (Electric)	Electric	20	Linear Feet	\$0.00	50	50	50	50	41.16	0.00
RMG0196	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Pipe Wrap-DHW-Common Area (Gas)	Gas	20	Linear Feet	\$0.00	419	419	419	419	0.00	0.19
RMG0195	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Pipe Wrap-Space Heat-Common Area	Electric	20	Linear Feet	\$0.00	536	536	536	536	0.00	0.36
RME0571	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Window Insulation Kits (Electric)	Gas	1	Units	\$0.00	2500	2500	2500	2500	118.08	0.00
RMG0292	Market-Rate - Market Rate	Market-Rate Multifamily	DI-Window Insulation Kits (Gas)	Gas	1	Units	\$0.00	5660.5	5660.5	5660.5	5660.5	0.00	1.27
RME0557	Market-Rate - Market Rate	Market-Rate Multifamily	ENERGY STAR Heat Pump Water Heater-UEF 2.0	Electric	10	Units	\$450.00	15	15	15	15	1739.26	0.00
RME0156	Market-Rate - Market Rate	Market-Rate Multifamily	Exterior Bilevel Controls (12/7)	Electric	8	Watts Controlled	\$0.59	800	800	800	800	2.23	0.00
RMC0018	Market-Rate - Market Rate	Market-Rate Multifamily	Filtration Reduction (percentage) (Combo)	Combo	13	1000 sq ft cond floor a	\$360.00	50	50	50	50	47.64	1.28
RMG0294	Market-Rate - Market Rate	Market-Rate Multifamily	Furnace Replacement >= 95 AFUE	Gas	15	kBtu/h	\$3.15	40	40	40	40	0.00	0.30
RMG0296	Market-Rate - Market Rate	Market-Rate Multifamily	Furnace Tune-Up	Gas	2	kBtu/h	\$0.43	218121	218121	218121	218121	0.00	0.09
RME0596	Market-Rate - Market Rate	Market-Rate Multifamily	HSPF2 Delta (Tonnage x (Model HSPF2 - 7.5))	Electric	15	Tons	\$31.50	15	12	12	15	125.40	0.00
RMG0019	Market-Rate - Market Rate	Market-Rate Multifamily	Instant Hot Water Heater-Common Area	Gas	20	Units	\$99.00	7	7	7	7	0.00	10.74
RME0179	Market-Rate - Market Rate	Market-Rate Multifamily	Low-Flow Bath Aerator-1.0gpm-Electric DHW	Electric	10	Units	\$3.60	780	780	780	780	65.22	0.00
RMG0155	Market-Rate - Market Rate	Market-Rate Multifamily	Low-Flow Bath Aerator-1.0gpm-Natural Gas DHW	Gas	10	Units	\$3.60	540	540	540	540	0.00	0.28
RME0119	Market-Rate - Market Rate	Market-Rate Multifamily	Low-Flow Kitchen Aerator-1.5gpm-Electric DHW	Electric	10	Units	\$9.00	350	350	350	350	186.93	0.00
RMG0119	Market-Rate - Market Rate	Market-Rate Multifamily	Low-Flow Kitchen Aerator-1.5gpm-Natural Gas DHW	Gas	10	Units	\$9.00	500	500	500	500	0.00	0.80
RMG0149	Market-Rate - Market Rate	Market-Rate Multifamily	Low-Flow Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$14.40	432	432	432	432	0.00	1.29
RME0105	Market-Rate - Market Rate	Market-Rate Multifamily	Low-Flow Showerhead-1.75gpm-Electric DHW	Electric	10	Units	\$11.70	350	350	350	350	218.40	0.00
RME0659	Market-Rate - Market Rate	Market-Rate Multifamily	NC-AC - SEER2 15.2	Electric	15	Tons	\$11.70	55	55	55	60	64.61	0.00
RME0660	Market-Rate - Market Rate	Market-Rate Multifamily	NC-AC - SEER2 16	Electric	15	Tons	\$13.50	85	80	85	88	75.51	0.00
RME0666	Market-Rate - Market Rate	Market-Rate Multifamily	NC-AC - SEER2 22	Electric	15	Tons	\$27.00	200	200	200	250	140.30	0.00
RMG0220	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Airtight Can Light (Gas)	Gas	15	Units	\$6.30	115	115	115	115	0.00	0.88
RME0643	Market-Rate - Market Rate	Market-Rate Multifamily	NC-ASHP - SEER2 15.2	Electric	15	Tons	\$18.00	600	600	600	600	68.52	0.00
RME0645	Market-Rate - Market Rate	Market-Rate Multifamily	NC-ASHP - SEER2 16.5	Electric	15	Tons	\$36.00	160	160	160	160	169.67	0.00
RME0275	Market-Rate - Market Rate	Market-Rate Multifamily	NC-ENERGY STAR Door (Electric)	Electric	20	Units	\$9.00	320	320	320	320	35.52	0.00
RMG0184	Market-Rate - Market Rate	Market-Rate Multifamily	NC-ENERGY STAR Door (Gas)	Gas	20	Units	\$9.00	80	80	80	80	0.00	1.14
RME0561	Market-Rate - Market Rate	Market-Rate Multifamily	NC-ENERGY STAR Heat Pump Water Heater-UEF 2.0	Electric	10	Units	\$450.00	30	30	30	30	1739.26	0.00
RMG0262	Market-Rate - Market Rate	Market-Rate Multifamily	NC-ES HE High Draw gas WH 0.68 UEF <=55 Gal Replacing Medium	Gas	13	Units	\$67.50	18	18	0	0	0.00	5.69
RMG0298	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Furnace Replacement >= 95 AFUE	Gas	15	kBtu/h	\$3.15	35160	35160	35160	35160	0.00	0.34
RME0669	Market-Rate - Market Rate	Market-Rate Multifamily	NC-HSPF2 Delta (Tonnage x (Model HSPF2 - 7.5))	Electric	15	Tons	\$31.50	140	140	140	140	125.40	0.00
RMG0188	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Indirect Water Heater (High Efficiency, 90 percent TE)	Gas	15	MBH	\$3.60	5	5	0	0	0.00	0.22
RMG0185	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Instant Hot Water Heater-Common Area	Gas	20	Units	\$99.00	5	5	5	5	0.00	10.74
RMG0209	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Large High Efficiency Tank-Style DHW Unit (94 percent TE)	Gas	13	Units	\$315.00	4	4	4	4	0.00	27.63
RME0308	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Low-Flow Bath Aerator-1.0gpm-Electric DHW	Electric	10	Units	\$3.60	2000	2000	2000	2000	65.22	0.00
RMG0204	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Low-Flow Bath Aerator-1.0gpm-Natural Gas DHW	Gas	10	Units	\$3.60	76	76	0	0	0.00	0.28
RME0229	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Low-Flow Bath Aerator-1.5gpm-Electric DHW	Electric	10	Units	\$2.25	200	200	200	200	38.20	0.00
RMG0172	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Low-Flow Bath Aerator-1.5gpm-Natural Gas DHW	Gas	10	Units	\$2.25	67	67	67	67	0.00	0.16
RME0230	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Low-Flow Kitchen Aerator-1.5gpm-Electric DHW	Electric	10	Units	\$9.00	1000	1000	1000	1000	186.93	0.00
RMG0173	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Low-Flow Kitchen Aerator-1.5gpm-Natural Gas DHW	Gas	10	Units	\$9.00	78	78	78	78	0.00	0.80
RME0231	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Low-Flow Showerhead-1.5gpm-Electric DHW	Electric	10	Units	\$14.40	1600	1700	1800	1900	290.62	0.00
RMG0174	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Low-Flow Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$14.40	373	373	373	373	0.00	1.29
RME0232	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Low-Flow Showerhead-1.75gpm-Electric DHW	Electric	10	Units	\$11.70	525	550	550	550	218.40	0.00
RMG0175	Market-Rate - Market Rate	Market-Rate Multifamily	NC-Low-Flow Showerhead-1.75gpm-Natural Gas DHW	Gas	10	Units	\$11.70	92	92	92	92	0.00	0.97
RME0421	Market-Rate - Market Rate	Market-Rate Multifamily	NC-LPD Exterior (Com Code)	Electric	12	Watts Removed	\$0.99	12500	12500	12750	12750	3.97	0.00

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
RME0420	Multi-Family - Market Rate	Market-Rate Multifamily	NC-LPD Interior (Com Code)	Electric	15	Watts Removed	\$0.59	750	750	775	775	2.46	0.00
RME0668	Multi-Family - Market Rate	Market-Rate Multifamily	NC-SEER2 Delta (Tonnage x (Model SEER2 - 14.3))	Electric	15	Tons	\$11.70	1000	1000	1000	1000	42.85	0.00
RME0611	Multi-Family - Market Rate	Market-Rate Multifamily	NC-Watts Reduced 840 Hours of operation - 2/7	Electric	18	Watts Removed	\$0.18	130000	130000	130000	130000	0.77	0.00
RME0399	Multi-Family - Market Rate	Market-Rate Multifamily	PEX Pipe Wrap-DHW-Common Area (Electric)	Electric	20	Linear Feet	\$1.35	250	250	250	250	43.97	0.00
RME0401	Multi-Family - Market Rate	Market-Rate Multifamily	PEX Pipe Wrap-DHW-In-Unit (Electric)	Electric	15	Linear Feet	\$1.35	250	250	250	250	34.50	0.00
RME0437	Multi-Family - Market Rate	Market-Rate Multifamily	Pipe Wrap R3-DHW-In-Unit (Electric)	Electric	15	Linear Feet	\$2.70	250	250	250	250	46.92	0.00
RME0278	Multi-Family - Market Rate	Market-Rate Multifamily	Pipe Wrap-DHW-Common Area (Electric)	Electric	20	Linear Feet	\$1.80	250	250	250	250	41.16	0.00
RME0595	Multi-Family - Market Rate	Market-Rate Multifamily	SEER2 Delta (Tonnage x (Model SEER2 - 14.3))	Electric	15	Tons	\$11.70	10	12	14	18	42.85	0.00
RMG0011	Multi-Family - Market Rate	Market-Rate Multifamily	Space Heating Boiler Tune-Up	Gas	2	kBtu/h	\$0.43	15000	15000	15000	15000	0.00	0.04
RME0607	Multi-Family - Market Rate	Market-Rate Multifamily	Watts Reduced 2669 Hours - 8/7	Electric	18	Watts Removed	\$0.63	5000	5000	5000	5000	2.46	0.00
RME0608	Multi-Family - Market Rate	Market-Rate Multifamily	Watts Reduced 4384 Hours - 12/7	Electric	13	Watts Removed	\$0.99	800	800	800	800	4.03	0.00
RME0606	Multi-Family - Market Rate	Market-Rate Multifamily	Watts Reduced 840 Hours of operation - 2/7	Electric	18	Watts Removed	\$0.18	1000	1000	1000	1000	0.77	0.00
RME0609	Multi-Family - Market Rate	Market-Rate Multifamily	Watts Reduced 8760 Hours - 24/7	Electric	6	Watts Removed	\$1.80	2500	2500	2500	2500	8.06	0.00
RME0670	Multi-Family - Market Rate	Market-Rate Multifamily	Di-Advanced Power Strips Tier 2	Electric	5	Units	\$0.00	500	0	0	0	59.00	0.00
RME0671	Multi-Family - Market Rate	Market-Rate Multifamily	Low-Flow Bath Aerator-1.2gpm-Electric DHW	Electric	10	Units	\$2.70	500	500	500	500	54.41	0.00
RME0672	Multi-Family - Market Rate	Market-Rate Multifamily	NC-Low-Flow Bath Aerator-1.2gpm-Electric DHW	Electric	10	Units	\$2.70	1200	1200	1200	1200	54.41	0.00
RMG0319	Multi-Family - Market Rate	Market-Rate Multifamily	NC-Low-Flow Bath Aerator-1.2gpm-Natural Gas DHW	Gas	10	Units	\$2.70	296	296	296	296	0.00	0.23
RME0673	Multi-Family - Market Rate	Market-Rate Multifamily	Occupancy Sensor (<180W)	Electric	8	Watts Controlled	\$0.27	800	800	800	800	1.07	0.00
RME0433	Multi-Family - Market Rate	Market-Rate Multifamily	Bonus-Multifamily Custom-Electric	Electric	1	Units	\$0.03	4727102	4787582	5333535	5328892	0.00	0.00
RMG0266	Multi-Family - Market Rate	Market-Rate Multifamily	Bonus-Multifamily Custom-Natural Gas	Gas	1	Units	\$2.00	40138.6	36975.44	38659.55	38754.36	0.00	0.00
RQE0668	Income-Qualified Multifamily	Income-Qualified Multifamily	AC - SEER2 15.2	Electric	15	Tons	\$50.00	170	170	170	170	70.23	0.00
RQE0669	Income-Qualified Multifamily	Income-Qualified Multifamily	AC - SEER2 16	Electric	15	Tons	\$55.00	170	170	170	170	82.08	0.00
RQE0675	Income-Qualified Multifamily	Income-Qualified Multifamily	AC - SEER2 22	Electric	15	Tons	\$110.00	100	100	100	100	152.50	0.00
RQG0034	Income-Qualified Multifamily	Income-Qualified Multifamily	Airtight Can Light (Gas)	Gas	15	Units	\$20.00	1200	1200	1200	1200	0.00	0.95
RQE0643	Income-Qualified Multifamily	Income-Qualified Multifamily	ASHP - Central Air with Electric Heat	Electric	15	Tons	\$2,000.00	200	200	200	200	2254.00	0.00
RQE0642	Income-Qualified Multifamily	Income-Qualified Multifamily	ASHP - No Cooling Electric Heat	Electric	15	Tons	\$1,800.00	50	50	50	50	2191.40	0.00
RQE0644	Income-Qualified Multifamily	Income-Qualified Multifamily	ASHP - Room AC with Electric Heat	Electric	15	Tons	\$2,200.00	150	150	150	150	2625.71	0.00
RQE0645	Income-Qualified Multifamily	Income-Qualified Multifamily	ASHP - SEER2 15.2	Electric	15	Tons	\$65.00	200	200	200	200	74.48	0.00
RQE0646	Income-Qualified Multifamily	Income-Qualified Multifamily	ASHP - SEER2 16	Electric	15	Tons	\$135.00	100	100	100	100	147.75	0.00
RQE0659	Income-Qualified Multifamily	Income-Qualified Multifamily	ASHP - SEER2 22.5	Electric	15	Tons	\$450.00	25	25	25	25	506.93	0.00
RQE0660	Income-Qualified Multifamily	Income-Qualified Multifamily	ASHP - SEER2 23	Electric	15	Tons	\$480.00	1	1	2	2	526.60	0.00
RQE0610	Income-Qualified Multifamily	Income-Qualified Multifamily	ASHP Tune-Up	Electric	5	Tons	\$55.00	100	100	100	100	72.60	0.00
RQG0269	Income-Qualified Multifamily	Income-Qualified Multifamily	Boiler 300 - 2500 kBtuH 90 Et	Gas	20	kBtu/h	\$17.00	6500	6500	6500	6500	0.00	0.21
RQG0326	Income-Qualified Multifamily	Income-Qualified Multifamily	Boiler 92% plus AFUE 84 AFUE BASE	Gas	20	kBtu/h	\$20.00	396	360	360	360	0.00	0.20
RQG0328	Income-Qualified Multifamily	Income-Qualified Multifamily	Boiler 95% plus AFUE 84 AFUE BASE	Gas	20	kBtu/h	\$25.00	1600	1600	1600	1600	0.00	0.26
RQG0275	Income-Qualified Multifamily	Income-Qualified Multifamily	Boiler Combination for Space and Water Heating 95% AFUE	Gas	20	kBtu/h	\$30.00	8050	8050	8050	8050	0.00	0.30
RQE0001	Income-Qualified Multifamily	Income-Qualified Multifamily	Bonus-Multifamily Custom-Electric	Electric	1	Units	\$0.30	556313.3	428943.2	397039.6	427745.1	0.00	0.00
RQG0001	Income-Qualified Multifamily	Income-Qualified Multifamily	Bonus-Multifamily Custom-Natural Gas	Gas	1	Units	\$18.00	9271.889	7149.054	6617.326	7129.084	0.00	0.00
RQE0662	Income-Qualified Multifamily	Income-Qualified Multifamily	ccASHP - AC with Electric Heat	Electric	15	Tons	\$1,075.00	550	550	550	550	1156.13	0.00
RQE0663	Income-Qualified Multifamily	Income-Qualified Multifamily	ccASHP - Central Air with Electric Heat	Electric	15	Tons	\$1,150.00	275	275	275	275	1243.18	0.00
RQE0661	Income-Qualified Multifamily	Income-Qualified Multifamily	ccASHP - No cooling Electric Heat	Electric	15	Tons	\$950.00	350	350	350	350	1042.41	0.00
RQC0018	Income-Qualified Multifamily	Income-Qualified Multifamily	Ceiling insulation R-19 base to R-49 (Combo)	Combo	30	1000 Square Feet	\$800.00	2000	2000	2200	2200	182.85	4.13
RQE0629	Income-Qualified Multifamily	Income-Qualified Multifamily	Ceiling insulation R-19 base to R-49 (Electric)	Electric	30	1000 Square Feet	\$640.00	350	350	350	350	182.85	0.00
RQG0320	Income-Qualified Multifamily	Income-Qualified Multifamily	Ceiling insulation R-19 base to R-49 (Gas)	Gas	30	1000 Square Feet	\$640.00	3000	3000	3000	3000	0.00	4.13
RQG0131	Income-Qualified Multifamily	Income-Qualified Multifamily	DHW Boiler Tune-Up	Gas	2	MBH	\$2.00	11000	11000	11000	11000	0.00	0.06
RQE0470	Income-Qualified Multifamily	Income-Qualified Multifamily	DI - Window Insulation Kits (Electric)	Electric	1	Units	\$0.00	650	750	890	920	123.74	0.00
RQG0283	Income-Qualified Multifamily	Income-Qualified Multifamily	DI - Window Insulation Kits (Gas)	Gas	1	Units	\$0.00	5470	5470	5470	5470	0.00	1.37
RQE0621	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-1 Lamp 4 Foot T8 LED Lamp replacing 1L 4 Foot T12-12/7 Common Area	Electric	11.42	Units	\$0.00	266	266	266	266	94.17	0.00
RQE0622	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-1 Lamp 4 Foot T8 LED Lamp replacing 1L 4 Foot T12-24/7 Common Area	Electric	5.71	Units	\$0.00	47	47	47	47	188.34	0.00
RQE0620	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-1 Lamp 4 Foot T8 LED Lamp replacing 1L 4 Foot T12-In-Unit	Electric	18	Units	\$0.00	538	538	538	538	18.06	0.00
RQE0624	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-1 Lamp 4 Foot T8 LED Lamp replacing 1L 4 Foot T8-12/7 Common Area	Electric	11.42	Units	\$0.00	200	200	200	200	65.70	0.00
RQE0625	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-1 Lamp 4 Foot T8 LED Lamp replacing 1L 4 Foot T8-24/7 Common Area	Electric	5.71	Units	\$0.00	35	35	35	35	131.40	0.00
RQE0623	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-1 Lamp 4 Foot T8 LED Lamp replacing 1L 4 Foot T8-In-Unit	Electric	18	Units	\$0.00	150	150	200	200	12.60	0.00
RQE0603	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Advanced Power Strips Tier 1	Electric	5	Units	\$0.00	2000	2000	2000	2000	64.13	0.00
RQE0604	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Energy Star Air Purifier CADR Over 250	Electric	9	Units	\$0.00	2000	2000	2500	2500	885.00	0.00
RQE0686	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Energy Star Refrigerator & Recycle	Electric	8.3	Units	\$0.00	1000	1000	1000	1000	1175.80	0.00
RQE0302	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-LED A-Series Lamp-50-79W Replacement	Electric	1	Units	\$0.00	34	34	25	10	35.14	0.00
RQE0297	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-LED A-Series Lamp-60W Replacement	Electric	1	Units	\$0.00	650	500	350	200	11.42	0.00
RQE0300	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-LED Candelabra	Electric	1	Units	\$0.00	20	20	15	10	10.43	0.00
RQE0298	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-LED Lamp-Flood/PAR	Electric	1	Units	\$0.00	18	18	10	5	53.73	0.00
RQE0299	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-LED Lamp-Globe	Electric	1	Units	\$0.00	20	15	10	5	26.94	0.00
RQE0304	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-LED Lamp-Globe	Electric	1	Units	\$0.00	5	5	0	0	26.94	0.00
RQE0320	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Bath Aerator-Electric DHW	Electric	10	Units	\$0.00	800	800	800	800	70.89	0.00
RQE0324	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Bath Aerator-Electric DHW	Electric	10	Units	\$0.00	3	3	3	3	168.28	0.00
RQG0226	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Bath Aerator-Natural Gas DHW	Gas	10	Units	\$0.00	900	900	900	900	0.00	0.29
RQG0232	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Bath Aerator-Natural Gas DHW	Gas	10	Units	\$0.00	50	50	50	50	0.00	0.67
RQE0323	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Handheld Showerhead-1.5gpm-Electric DHW	Electric	10	Units	\$0.00	250	250	250	250	334.28	0.00
RQG0229	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Handheld Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$0.00	250	250	250	250	0.00	1.40
RQG0235	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Handheld Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$0.00	15	15	15	15	0.00	2.86
RQE0321	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Kitchen Aerator-1.5gpm-Electric DHW	Electric	10	Units	\$0.00	450	450	450	450	203.19	0.00
RQG0227	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Kitchen Aerator-1.5gpm-Natural Gas DHW	Gas	10	Units	\$0.00	902	902	902	902	0.00	0.85
RQE0325	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Kitchen Aerator-Electric DHW	Electric	10	Units	\$0.00	3	3	0	0	208.19	0.00
RQG0233	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Kitchen Aerator-Natural Gas DHW	Gas	10	Units	\$0.00	10	10	10	10	0.00	0.87
RQE0322	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Showerhead-1.5gpm-Electric DHW	Electric	10	Units	\$0.00	475	475	475	475	315.89	0.00
RQG0228	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$0.00	500	500	500	500	0.00	1.33
RQG0234	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Low-Flow Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$0.00	5	5	5	5	0.00	2.86
RQG0239	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-PEX Pipe Wrap-DHW-Common Area (Gas)	Gas	20	Linear Feet	\$0.00	50	50	50	50	0.00	0.13
RQE0475	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Pipe Wrap R3-DHW-In-Unit (Electric)	Electric	15	Linear Feet	\$0.00	500	500	550	550	51.00	0.00
RQG0288	Income-Qualified Multifamily	Income-Qualified Multifamily	DI-Pipe Wrap R3-DHW-In-Unit (Gas)	Gas	15	Linear Feet	\$0.00	10	10	10	10	0.00	0.25
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Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
RQG0213	Multifamily Income Qualified	Income-Qualified Multifamily	DI-Pipe Wrap-DHW-Common Area (Gas)	Gas	20	Linear Feet	\$0.00	300	300	300	300	0.00	0.21
RQG0212	Multifamily Income Qualified	Income-Qualified Multifamily	DI-Pipe Wrap-Space Heat-Common Area	Gas	20	Linear Feet	\$0.00	125	125	125	125	0.00	0.39
RQG0221	Multifamily Income Qualified	Income-Qualified Multifamily	DI-Wi-Fi Programmable T-stat-In-Unit (Gas)	Gas	9	Units	\$0.00	98	98	98	98	0.00	0.82
RQE0594	Multifamily Income Qualified	Income-Qualified Multifamily	ENERGY STAR Heat Pump Water Heater-UEF 2.0	Electric	10	Units	\$1,700.00	50	50	50	50	1890.50	0.00
RQG0279	Multifamily Income Qualified	Income-Qualified Multifamily	ES HE High Draw Gas WH 0.68 UEF<=55 Gal Replacing Medium Dra	Gas	13	Units	\$450.00	5	5	5	5	0.00	6.18
RQG0277	Multifamily Income Qualified	Income-Qualified Multifamily	ES HE Medium Draw Gas WH 0.64 UEF<=55 Gal	Gas	13	Units	\$600.00	100	100	100	100	0.00	4.43
RQE0342	Multifamily Income Qualified	Income-Qualified Multifamily	Exterior Bilevel Controls (12/7)	Electric	8	Watts Controlled	\$2.20	135000	140000	135000	135000	2.42	0.00
RQE0464	Multifamily Income Qualified	Income-Qualified Multifamily	Exterior Occupancy Sensor (per watt controlled)	Electric	10	Watts Controlled	\$3.20	4000	4000	4100	4100	3.46	0.00
RQC0036	Multifamily Income Qualified	Income-Qualified Multifamily	Filtration Reduction (percentage) (Combo)	Combo	13	1000 sq ft cond floor a	\$800.00	2000	2000	2200	2200	51.78	1.39
RQE0626	Multifamily Income Qualified	Income-Qualified Multifamily	Filtration Reduction (percentage) (Electric)	Electric	13	1000 sq ft cond floor a	\$640.00	350	350	350	350	51.78	0.00
RQG0317	Multifamily Income Qualified	Income-Qualified Multifamily	Filtration Reduction (percentage) (Gas)	Gas	13	1000 sq ft cond floor a	\$640.00	3000	3000	3000	3000	0.00	1.39
RQG0311	Multifamily Income Qualified	Income-Qualified Multifamily	Furnace Replacement >= 95 AFUE	Gas	15	kBtu/h	\$18.50	38000	38000	38000	38000	0.00	0.33
RQG0313	Multifamily Income Qualified	Income-Qualified Multifamily	Furnace Tune-Up	Gas	2	kBtu/h	\$2.00	70000	70000	70000	70000	0.00	0.10
RQE0665	Multifamily Income Qualified	Income-Qualified Multifamily	HSPF2 Delta (Tonnage x (Model HSPF2 - 7.5))	Electric	15	Tons	\$125.00	1200	1200	1200	1205	136.30	0.00
RQG0329	Multifamily Income Qualified	Income-Qualified Multifamily	Indirect Water Heater (Mid Efficiency, 84-90 percent TE)	Gas	15	MBH	\$10.00	5250	5250	5250	5250	0.00	4.10
RQG0148	Multifamily Income Qualified	Income-Qualified Multifamily	Instant Medium Draw Hot Water Heater-In-Unit	Gas	20	Units	\$300.00	5	5	5	5	0.00	4.43
RQE0274	Multifamily Income Qualified	Income-Qualified Multifamily	Interior Stairwell Bilevel Controls	Electric	9	Watts Controlled	\$4.25	32000	32000	3300	33000	4.81	0.00
RQG0331	Multifamily Income Qualified	Income-Qualified Multifamily	Large High Efficiency Tank-Style DHW Unit (94 percent TE)	Gas	13	Units	\$1,500.00	2	2	2	2	0.00	30.03
RQE0003	Multifamily Income Qualified	Income-Qualified Multifamily	LED Exit Sign	Electric	15	Units	\$100.00	80	75	75	75	201.00	0.00
RQE0590	Multifamily Income Qualified	Income-Qualified Multifamily	Low-Flow Bath Aerator-0.5gpm-Electric DHW	Electric	10	Units	\$40.00	250	250	250	200	101.25	0.00
RQG0155	Multifamily Income Qualified	Income-Qualified Multifamily	Low-Flow Bath Aerator-1.0gpm-Natural Gas DHW	Gas	10	Units	\$30.00	75	75	75	75	0.00	0.29
RQE0119	Multifamily Income Qualified	Income-Qualified Multifamily	Low-Flow Kitchen Aerator-1.5gpm-Electric DHW	Electric	10	Units	\$40.00	150	150	150	150	203.19	0.00
RQG0119	Multifamily Income Qualified	Income-Qualified Multifamily	Low-Flow Kitchen Aerator-1.5gpm-Natural Gas DHW	Gas	10	Units	\$40.00	62	62	0	0	0.00	0.83
RQG0149	Multifamily Income Qualified	Income-Qualified Multifamily	Low-Flow Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$100.00	500	500	500	500	0.00	1.33
RQE0709	Multifamily Income Qualified	Income-Qualified Multifamily	NC - ASHP - SEER2 15.2	Electric	15	Tons	\$65.00	25	30	35	35	74.48	0.00
RQE0702	Multifamily Income Qualified	Income-Qualified Multifamily	NC - ASHP - SEER2 19	Electric	15	Tons	\$300.00	432	432	0	0	344.38	0.00
RQE0711	Multifamily Income Qualified	Income-Qualified Multifamily	NC - HSPF2 Delta (Tonnage x (Model HSPF2 - 7.5))	Electric	15	Tons	\$125.00	700	700	750	750	136.30	0.00
RQE0710	Multifamily Income Qualified	Income-Qualified Multifamily	NC - SEER2 Delta (Tonnage x (Model SEER2 - 14.3))	Electric	15	Tons	\$40.00	1500	1500	1550	1600	46.58	0.00
RQE0312	Multifamily Income Qualified	Income-Qualified Multifamily	NC-ECM on Domestic Hot Water Recirculation >500W	Electric	15	Units	\$7,000.00	5	5	5	5	20032.00	0.00
RQE0311	Multifamily Income Qualified	Income-Qualified Multifamily	NC-ECM on Domestic Hot Water Recirculation 100-500W	Electric	15	Units	\$3,500.00	6	6	6	6	5008.00	0.00
RQE0315	Multifamily Income Qualified	Income-Qualified Multifamily	NC-ECM on Hydronic Heating >500W	Electric	15	Units	\$5,500.00	5	5	5	5	9129.00	0.00
RQE0284	Multifamily Income Qualified	Income-Qualified Multifamily	NC-ENERGY STAR Door (Electric)	Electric	20	Units	\$40.00	89	89	0	0	48.09	0.00
RQE0598	Multifamily Income Qualified	Income-Qualified Multifamily	NC-ENERGY STAR Heat Pump Water Heater-UEF 2.0	Electric	10	Units	\$1,700.00	100	100	100	100	1890.50	0.00
RQG0315	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Furnace Replacement >= 95 AFUE	Gas	15	kBtu/h	\$18.50	2200	2200	2200	2200	0.00	0.37
RQG0316	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Furnace Replacement >= 98 AFUE	Gas	15	kBtu/h	\$20.00	80	80	80	80	0.00	0.14
RQG0193	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Indirect Water Heater (High Efficiency, 90 percent TE)	Gas	15	MBH	\$32.00	1800	1800	1800	1800	0.00	0.24
RQG0180	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Instant Medium Draw Hot Water Heater-In-Unit	Gas	20	Units	\$300.00	39	39	0	0	0.00	4.43
RQE0592	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Bath Aerator-0.5gpm-Electric DHW	Electric	10	Units	\$40.00	180	180	200	220	101.25	0.00
RQE0319	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Bath Aerator-1.0gpm-Electric DHW	Electric	10	Units	\$30.00	50	50	60	75	70.89	0.00
RQG0225	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Bath Aerator-1.0gpm-Natural Gas DHW	Gas	10	Units	\$30.00	200	200	200	200	0.00	0.29
RQE0232	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Bath Aerator-1.5gpm-Electric DHW	Electric	10	Units	\$18.00	40	40	50	60	41.52	0.00
RQG0176	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Bath Aerator-1.5gpm-Natural Gas DHW	Gas	10	Units	\$18.00	60	60	60	60	0.00	0.17
RQE0593	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Kitchen Aerator-1.0gpm-Electric DHW	Electric	10	Units	\$50.00	50	50	60	75	348.05	0.00
RQG0292	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Kitchen Aerator-1.0gpm-Natural Gas DHW	Gas	10	Units	\$50.00	200	200	200	200	0.00	1.44
RQE0233	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Kitchen Aerator-1.5gpm-Electric DHW	Electric	10	Units	\$40.00	60	60	70	80	203.19	0.00
RQG0177	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Kitchen Aerator-1.5gpm-Natural Gas DHW	Gas	10	Units	\$40.00	250	250	250	250	0.00	0.85
RQE0234	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Showerhead-1.5gpm-Electric DHW	Electric	10	Units	\$100.00	338	350	435	450	315.89	0.00
RQG0178	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$100.00	75	75	75	75	0.00	1.33
RQE0235	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Showerhead-1.75gpm-Electric DHW	Electric	10	Units	\$80.00	120	150	200	200	237.39	0.00
RQG0179	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Showerhead-1.75gpm-Natural Gas DHW	Gas	10	Units	\$80.00	81	81	81	81	0.00	0.99
RQE0455	Multifamily Income Qualified	Income-Qualified Multifamily	NC-LPD Exterior (Com Code)	Electric	12	Watts Removed	\$4.00	8000	8000	9000	9000	4.32	0.00
RQE0454	Multifamily Income Qualified	Income-Qualified Multifamily	NC-LPD Interior (Com Code)	Electric	15	Watts Removed	\$2.50	14000	14000	16000	16000	2.67	0.00
RQE0456	Multifamily Income Qualified	Income-Qualified Multifamily	NC-LPD Parking Garage (24/7) (Com Code)	Electric	12	Watts Removed	\$8.00	4325	4325	4500	4600	8.76	0.00
RQE0683	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Watts Reduced 2669 Hours - 8/7	Electric	18	Watts Removed	\$2.50	15000	15500	16000	16500	2.67	0.00
RQE0682	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Watts Reduced 840 Hours of operation - 2/7	Electric	18	Watts Removed	\$0.70	14000	15000	15000	16000	0.84	0.00
RQE0606	Multifamily Income Qualified	Income-Qualified Multifamily	Programmable T-stat-Common Area (Electric)	Electric	9	Units	\$150.00	2	2	2	2	63.79	0.00
RQG0307	Multifamily Income Qualified	Income-Qualified Multifamily	Programmable T-stat-Common Area (Gas)	Gas	9	Units	\$150.00	5	5	5	5	0.00	0.82
RQE0605	Multifamily Income Qualified	Income-Qualified Multifamily	Programmable T-stat-In-Unit (Electric)	Electric	9	Units	\$150.00	15	15	20	25	63.79	0.00
RQG0306	Multifamily Income Qualified	Income-Qualified Multifamily	Programmable T-stat-In-Unit (Gas)	Gas	9	Units	\$150.00	15	15	15	15	0.00	0.82
RQE0664	Multifamily Income Qualified	Income-Qualified Multifamily	SEER2 Delta (Tonnage x (Model SEER2 - 14.3))	Electric	15	Tons	\$40.00	3900	3900	3900	3900	46.58	0.00
RQG0011	Multifamily Income Qualified	Income-Qualified Multifamily	Space Heating Boiler Tune-Up	Gas	2	kBtu/h	\$2.00	15500	15500	15500	15500	0.00	0.04
RQE0678	Multifamily Income Qualified	Income-Qualified Multifamily	Watts Reduced 2669 Hours - 8/7	Electric	18	Watts Removed	\$2.50	60000	60000	60000	60000	2.67	0.00
RQE0679	Multifamily Income Qualified	Income-Qualified Multifamily	Watts Reduced 4384 Hours - 12/7	Electric	13	Watts Removed	\$4.00	58000	59000	59000	59000	4.38	0.00
RQE0677	Multifamily Income Qualified	Income-Qualified Multifamily	Watts Reduced 840 Hours of operation - 2/7	Electric	18	Watts Removed	\$0.70	127000	127000	127000	127000	0.84	0.00
RQE0680	Multifamily Income Qualified	Income-Qualified Multifamily	Watts Reduced 8760 Hours - 24/7	Electric	6	Watts Removed	\$7.00	45000	45000	45000	45000	8.76	0.00
RQE0721	Multifamily Income Qualified	Income-Qualified Multifamily	DI-Advanced Power Strips Tier 2	Electric	5	Units	\$0.00	200	250	270	275	64.13	0.00
RQE0723	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Bath Aerator-1.2gpm-Electric DHW	Electric	10	Units	\$26.00	200	200	250	300	59.14	0.00
RQG0344	Multifamily Income Qualified	Income-Qualified Multifamily	NC-Low-Flow Bath Aerator-1.2gpm-Natural Gas DHW	Gas	10	Units	\$26.00	300	300	300	300	0.00	0.25
RQE0724	Multifamily Income Qualified	Income-Qualified Multifamily	Occupancy Sensor (<180W)	Electric	8	Watts Controlled	\$1.00	1374	1374	1374	1374	1.17	0.00
RQG0345	Multifamily Income Qualified	Income-Qualified Multifamily	Steam Trap Repair or Replacement 1 Pipe	Gas	6	Units	\$300.00	5	5	5	5	0.00	2.88
RQG0346	Multifamily Income Qualified	Income-Qualified Multifamily	Steam Trap Repair or Replacement 2 Pipe	Gas	6	Units	\$650.00	5	5	5	5	0.00	6.39
RQG0347	Multifamily Income Qualified	Income-Qualified Multifamily	Boiler turndown control 5:1-10:1 turndown	Gas	15	MBH	\$9.00	5	5	5	5	0.00	0.09
RQG0035	Multifamily Income Qualified	Income-Qualified Multifamily	ENERGY STAR Window (Gas)	Gas	25	Square Feet	\$2.00	225	0	0	0	0.00	4.18
CTG0247	Multi-Family - Market Rate	Market-Rate Multifamily	Boiler Combination for Space and Water Heating 95% AFUE	Gas	20	kBtu/h	\$6.30	2000	2000	2000	2000	0.00	0.27
CC0001	Multi-Family - Market Rate	Market-Rate Multifamily	Bonus-Multifamily Custom-Electric	Electric	1	Units	\$0.03	4727102	4787582	5335355	5328892	0.00	0.00
CCG0001	Multi-Family - Market Rate	Market-Rate Multifamily	Bonus-Multifamily Custom-Natural Gas	Gas	1	Units	\$2.00	131938	131938	131938	131938	0.00	0.00
CTG0122	Multi-Family - Market Rate	Market-Rate Multifamily	DHW Boiler Tune-Up	Gas	2	MBH	\$0.33	5000	5000	5000	5000	0.00	0.05
CTE0564	Multi-Family - Market Rate	Market-Rate Multifamily	DI-Advanced Power Strips Tier 1	Electric	5	Units	\$0.00	30	30	30	30	59.00	0.00
CTG0195	Multi-Family - Market Rate	Market-Rate Multifamily	DI-Low-Flow Bath Aerator-Natural Gas DHW	Gas	10	Units	\$0.00	550	550	550	550	0.00	0.27
CTG0201	Multi-Family - Market Rate	Market-Rate Multifamily	DI-Low-Flow Bath Aerator-Natural Gas DHW	Gas	10	Units	\$0.00	80	80	80	80	0.00	0.60

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
CTG0197	Multi-Family - Market Rate	Market-Rate Multifamily	DI-Low-Flow Handheld Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$0.00	400	400	400	400	0.00	1.29
CTG0204	Market-Rate Multifamily	Market-Rate Multifamily	DI-Low-Flow Handheld Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$0.00	5	5	5	5	0.00	2.63
CTE0306	Multi-Family - Market Rate	Market-Rate Multifamily	DI-Low-Flow Kitchen Aerator-1.5gpm-Electric DHW	Electric	10	Units	\$0.00	100	115	125	130	186.93	0.00
CTG0196	Market-Rate Multifamily	Market-Rate Multifamily	DI-Low-Flow Kitchen Aerator-1.5gpm-Natural Gas DHW	Gas	10	Units	\$0.00	550	550	550	550	0.00	0.78
CTG0202	Multi-Family - Market Rate	Market-Rate Multifamily	DI-Low-Flow Kitchen Aerator-Natural Gas DHW	Gas	10	Units	\$0.00	20	20	20	20	0.00	0.78
CTE0308	Market-Rate Multifamily	Market-Rate Multifamily	DI-Low-Flow Showerhead-1.5gpm-Electric DHW	Electric	10	Units	\$0.00	20	20	20	20	290.62	0.00
CTG0198	Multi-Family - Market Rate	Market-Rate Multifamily	DI-Low-Flow Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$0.00	250	250	250	250	0.00	1.22
CTG0212	Market-Rate Multifamily	Market-Rate Multifamily	DI-PEX Pipe Wrap-DHW-Common Area (Gas)	Gas	20	Linear Feet	\$0.00	1200	1200	1200	1200	0.00	0.12
CTE0436	Multi-Family - Market Rate	Market-Rate Multifamily	DI-Pipe Wrap R3-DHW-In-Unit (Electric)	Electric	15	Linear Feet	\$0.00	300	300	320	340	46.92	0.00
CTE0274	Market-Rate Multifamily	Market-Rate Multifamily	DI-Pipe Wrap-DHW-Common Area (Electric)	Electric	20	Linear Feet	\$0.00	15	15	15	15	41.16	0.00
CTG0186	Multi-Family - Market Rate	Market-Rate Multifamily	DI-Pipe Wrap-Space Heat-Common Area	Gas	20	Linear Feet	\$0.00	500	500	500	500	0.00	0.36
CTE0431	Market-Rate Multifamily	Market-Rate Multifamily	DI-Window Insulation Kits (Electric)	Electric	1	Units	\$0.00	455	450	485	525	106.80	0.00
CTG0255	Multi-Family - Market Rate	Market-Rate Multifamily	DI-Window Insulation Kits (Gas)	Gas	1	Units	\$0.00	4377.5	4377.5	4377.5	4377.5	0.00	1.26
CTE0247	Market-Rate Multifamily	Market-Rate Multifamily	ENERGY STAR Room Air Conditioner (<8000 BTU/hr)	Electric	9	Units	\$18.00	3	3	3	4	70.38	0.00
CTE0242	Multi-Family - Market Rate	Market-Rate Multifamily	ENERGY STAR Room Air Conditioner (>8000 BTU/hr)	Electric	9	Units	\$63.00	10	10	10	12	247.48	0.00
CTE0150	Market-Rate Multifamily	Market-Rate Multifamily	Exterior Bilevel Controls (12/7)	Electric	8	Watts Controlled	\$0.59	2100	2100	2300	2300	2.23	0.00
CTG0285	Multi-Family - Market Rate	Market-Rate Multifamily	Furnace Tune-Up	Gas	2	kBtu/h	\$0.43	91770	91770	91770	91770	0.00	0.09
CTE0254	Market-Rate Multifamily	Market-Rate Multifamily	Interior Stairwell Bilevel Controls	Electric	9	Watts Controlled	\$1.13	150000	150000	150000	150000	4.42	0.00
CTE0003	Multi-Family - Market Rate	Market-Rate Multifamily	LED Exit Sign	Electric	15	Units	\$31.50	25	15	10	5	184.92	0.00
CTE0173	Market-Rate Multifamily	Market-Rate Multifamily	Low-Flow Bath Aerator-1.0gpm-Electric DHW	Electric	10	Units	\$3.60	50	50	50	50	65.22	0.00
CTE0119	Multi-Family - Market Rate	Market-Rate Multifamily	Low-Flow Kitchen Aerator-1.5gpm-Electric DHW	Electric	10	Units	\$9.00	50	50	50	50	186.93	0.00
CTE0167	Market-Rate Multifamily	Market-Rate Multifamily	Low-Flow Showerhead-1.5gpm-Electric DHW	Electric	10	Units	\$14.40	250	250	250	250	290.62	0.00
CTE0634	Multi-Family - Market Rate	Market-Rate Multifamily	NC-ASHP - SEER2 15.2	Electric	15	Tons	\$18.00	150	150	200	205	68.52	0.00
CTE0295	Market-Rate Multifamily	Market-Rate Multifamily	NC-ECM on Domestic Hot Water Recirculation <100W	Electric	15	Units	\$225.00	4	4	4	4	921.84	0.00
CTE0297	Multi-Family - Market Rate	Market-Rate Multifamily	NC-ECM on Domestic Hot Water Recirculation >500W	Electric	15	Units	\$4,050.00	1	1	1	1	18429.44	0.00
CTE0296	Market-Rate Multifamily	Market-Rate Multifamily	NC-ECM on Domestic Hot Water Recirculation 100-500W	Electric	15	Units	\$1,170.00	1	1	1	1	4607.36	0.00
CTE0298	Multi-Family - Market Rate	Market-Rate Multifamily	NC-ECM on Hydronic Heating <100W	Electric	15	Units	\$90.00	1	1	1	1	419.52	0.00
CTE0300	Market-Rate Multifamily	Market-Rate Multifamily	NC-ECM on Hydronic Heating >500W	Electric	15	Units	\$1,800.00	1	1	1	1	8938.68	0.00
CTE0299	Multi-Family - Market Rate	Market-Rate Multifamily	NC-ECM on Hydronic Heating 100-500W	Electric	15	Units	\$495.00	1	1	1	1	2099.44	0.00
CTE0271	Market-Rate Multifamily	Market-Rate Multifamily	NC-ENERGY STAR Door (Electric)	Electric	20	Units	\$9.00	200	0	200	0	44.24	0.00
CTG0173	Multi-Family - Market Rate	Market-Rate Multifamily	NC-ENERGY STAR Door (Gas)	Gas	20	Units	\$9.00	300	300	300	300	0.00	1.14
CTE0660	Market-Rate Multifamily	Market-Rate Multifamily	NC-HSPF2 Delta (Tonnage x (Model HSPF2 - 7.5))	Electric	15	Tons	\$31.50	325	325	380	395	125.40	0.00
CTG0177	Multi-Family - Market Rate	Market-Rate Multifamily	NC-Indirect Water Heater (High Efficiency, 90 percent TE)	Gas	15	MBH	\$3.60	7000	7000	7000	7000	0.00	0.22
CTG0174	Market-Rate Multifamily	Market-Rate Multifamily	NC-Instant Hot Water Heater-Common Area	Gas	20	Units	\$99.00	50	50	50	50	0.00	10.74
CTG0199	Multi-Family - Market Rate	Market-Rate Multifamily	NC-Large High Efficiency Tank-Style DHW Unit (94 percent TE)	Gas	13	Units	\$315.00	15	15	15	15	0.00	27.63
CTE0304	Market-Rate Multifamily	Market-Rate Multifamily	NC-Low-Flow Bath Aerator-1.0gpm-Electric DHW	Electric	10	Units	\$3.60	50	50	50	50	65.22	0.00
CTE0222	Multi-Family - Market Rate	Market-Rate Multifamily	NC-Low-Flow Bath Aerator-1.5gpm-Electric DHW	Electric	10	Units	\$2.25	100	100	100	100	38.20	0.00
CTG0161	Market-Rate Multifamily	Market-Rate Multifamily	NC-Low-Flow Bath Aerator-1.5gpm-Natural Gas DHW	Gas	10	Units	\$2.25	200	200	200	200	0.00	0.16
CTE0223	Multi-Family - Market Rate	Market-Rate Multifamily	NC-Low-Flow Kitchen Aerator-1.5gpm-Electric DHW	Electric	10	Units	\$9.00	460	460	460	460	186.93	0.00
CTG0162	Market-Rate Multifamily	Market-Rate Multifamily	NC-Low-Flow Kitchen Aerator-1.5gpm-Natural Gas DHW	Gas	10	Units	\$9.00	350	350	350	350	0.00	0.78
CTE0224	Multi-Family - Market Rate	Market-Rate Multifamily	NC-Low-Flow Showerhead-1.5gpm-Electric DHW	Electric	10	Units	\$14.40	350	350	350	350	290.62	0.00
CTG0163	Market-Rate Multifamily	Market-Rate Multifamily	NC-Low-Flow Showerhead-1.5gpm-Natural Gas DHW	Gas	10	Units	\$14.40	400	400	400	400	0.00	1.22
CTE0225	Multi-Family - Market Rate	Market-Rate Multifamily	NC-Low-Flow Showerhead-1.75gpm-Electric DHW	Electric	10	Units	\$11.70	700	700	760	780	218.40	0.00
CTG0164	Market-Rate Multifamily	Market-Rate Multifamily	NC-Low-Flow Showerhead-1.75gpm-Natural Gas DHW	Gas	10	Units	\$11.70	850	850	850	850	0.00	0.91
CTE0419	Multi-Family - Market Rate	Market-Rate Multifamily	NC-LPD Exterior (Com Code)	Electric	12	Watts Removed	\$0.99	10000	11000	12000	12000	3.97	0.00
CTE0418	Market-Rate Multifamily	Market-Rate Multifamily	NC-LPD Interior (Com Code)	Electric	15	Watts Removed	\$0.59	14000	15000	16000	16000	2.46	0.00
CTE0420	Multi-Family - Market Rate	Market-Rate Multifamily	NC-LPD Parking Garage (24/7) (Com Code)	Electric	12	Watts Removed	\$2.03	5200	5000	5200	5200	8.06	0.00
CTE0292	Market-Rate Multifamily	Market-Rate Multifamily	NC-Parking Garage Bilevel Controls (24/7)	Electric	8	Watts Controlled	\$0.72	2126	2126	2126	2126	2.82	0.00
CTE0659	Multi-Family - Market Rate	Market-Rate Multifamily	NC-SEER2 Delta (Tonnage x (Model SEER2 - 14.3))	Electric	15	Tons	\$11.70	950	950	1150	1150	42.85	0.00
CTE0589	Market-Rate Multifamily	Market-Rate Multifamily	NC-Watts Reduced 2669 Hours - 8/7	Electric	18	Watts Removed	\$0.63	9000	9000	9000	9000	2.46	0.00
CTE0588	Multi-Family - Market Rate	Market-Rate Multifamily	NC-Watts Reduced 840 Hours of operation - 2/7	Electric	18	Watts Removed	\$0.18	110000	110000	110000	110000	0.77	0.00
CTE0108	Market-Rate Multifamily	Market-Rate Multifamily	Programmable T-stat-In-Unit (Electric)	Electric	9	Units	\$19.80	5	5	5	5	55.33	0.00
CTE0587	Multi-Family - Market Rate	Market-Rate Multifamily	Watts Reduced 2669 Hours - 8/7	Electric	18	Watts Removed	\$0.63	2600	2600	2800	2900	2.46	0.00
CTE0633	Market-Rate Multifamily	Market-Rate Multifamily	Watts Reduced 4384 Hours - 12/7	Electric	13	Watts Removed	\$0.99	4000	4000	4000	4000	4.03	0.00
CTE0586	Multi-Family - Market Rate	Market-Rate Multifamily	Watts Reduced 840 Hours of operation - 2/7	Electric	18	Watts Removed	\$0.18	2000	2000	2000	2000	0.77	0.00
CTE0590	Market-Rate Multifamily	Market-Rate Multifamily	Watts Reduced 8760 Hours - 24/7	Electric	6	Watts Removed	\$1.80	30000	30000	30000	30000	8.06	0.00
CTE0663	Multi-Family - Market Rate	Market-Rate Multifamily	NC-Low-Flow Bath Aerator-1.2gpm-Electric DHW	Electric	10	Units	\$2.70	1000	1000	1000	1000	54.41	0.00
CTG0304	Market-Rate Multifamily	Market-Rate Multifamily	NC-Low-Flow Bath Aerator-1.2gpm-Natural Gas DHW	Gas	10	Units	\$2.70	1000	1000	1000	1000	0.00	0.23
CTE0664	Multi-Family - Market Rate	Market-Rate Multifamily	Occupancy Sensor (<180W)	Electric	8	Watts Controlled	\$0.27	2600	2700	2800	2900	1.07	0.00
CDE0418	Small Business Solutions	Small Business	SBEA - 0.5 gpm Private Bath Aerator - Electric	Electric	10	Units	\$0.00	150	150	150	150	220.47	0.00
CDG0163	Small Business Solutions	Small Business	SBEA - 0.5 gpm Private Bath Aerator - Gas	Gas	10	Units	\$0.00	1500	1500	1500	1500	0.00	0.84
CDE0419	Small Business Solutions	Small Business	SBEA - 0.5 gpm Public Bath Aerator - Electric	Electric	10	Units	\$0.00	1800	1800	1800	1800	1138.11	0.00
CDG0164	Small Business Solutions	Small Business	SBEA - 0.5 gpm Public Bath Aerator - Gas	Gas	10	Units	\$0.00	14000	14000	14000	14000	0.00	4.36
CDG0171	Small Business Solutions	Small Business	SBEA - 0.68 gpm Pre-rinse Sprayers - Electric	Gas	5	Units	\$0.00	50	50	50	50	0.00	5.35
CDE0451	Small Business Solutions	Small Business	SBEA - 0.68 gpm Pre-rinse Sprayers - Gas	Electric	5	Units	\$0.00	2000	2000	2000	2000	1359.21	0.00
CDE0449	Small Business Solutions	Small Business	SBEA - 1.25 gpm Showerhead - Electric	Electric	10	Units	\$0.00	200	200	200	200	826.17	0.00
CDG0170	Small Business Solutions	Small Business	SBEA - 1.25 gpm Showerhead - Gas	Gas	10	Units	\$0.00	1700	1700	1700	1700	0.00	3.32
CDE0111	Small Business Solutions	Small Business	SBEA - 1.5 gpm Kitchen Aerator - Electric	Electric	10	Units	\$0.00	650	650	650	650	263.75	0.00
CDE0211	Small Business Solutions	Small Business	SBEA - Beverage Vending Machine Controllers	Electric	10	Units	\$0.00	30	30	30	30	733.79	0.00
CDE0113	Small Business Solutions	Small Business	SBEA - Electric Pipe Wrap - 140F DHW (conditioned space)	Electric	20	Linear Feet	\$0.00	850	850	850	850	12.91	0.00
CDE0250	Small Business Solutions	Small Business	SBEA - Electric Pipe Wrap - 140F DHW (unconditioned space)	Electric	20	Linear Feet	\$0.00	300	300	300	300	82.91	0.00
CDG0059	Small Business Solutions	Small Business	SBEA - Field Assessment and Report - Combination Customers	Combo	1	Units	\$0.00	450	450	450	450	0.00	9.11
CDE0091	Small Business Solutions	Small Business	SBEA - Field Assessment and Report - Electric Customers	Electric	1	Units	\$0.00	600	600	600	600	0.00	0.00
CDG0090	Small Business Solutions	Small Business	SBEA - Field Assessment and Report with Direct Install - Combination Customers	Combo	1	Units	\$0.00	750	750	750	750	0.00	9.11
CDE0387	Small Business Solutions	Small Business	SBEA - Field Assessment and Report with Direct Install - Electric Customers	Electric	1	Units	\$0.00	1000	1000	1000	1000	0.00	0.00
CDE0400	Small Business Solutions	Small Business	SBEA - Hot Water Heater Blankets Tier 1 (20-40 gal) - Electric	Electric	15	Units	\$0.00	3	3	3	3	6982.03	0.00
CDG0160	Small Business Solutions	Small Business	SBEA - Hot Water Heater Blankets Tier 1 (20-40 gal) - Gas	Gas	15	Units	\$0.00	50	50	50	50	0.00	26.73
CDE0401	Small Business Solutions	Small Business	SBEA - Hot Water Heater Blankets Tier 2 (41-60 gal) - Electric	Electric	15	Units	\$0.00	3	3	3	3	9626.74	0.00
CDG0161	Small Business Solutions	Small Business	SBEA - Hot Water Heater Blankets Tier 2 (41-60 gal) - Gas	Gas	15	Units	\$0.00	75	75	75	75	0.00	38.28
CDE0441	Small Business Solutions	Small Business	SBEA - LED T8 1L 4' Tube Replacement (1300 Annual/25 Weekly Hours)	Electric	18	Units	\$0.00	1800	1				

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
CDE0442	Small Business Solutions	Small Business	SBEA - LED T8 1L 4' Tube Replacement (2080 Annual/40 Weekly Hours)	Electric	18 Units		\$0.00	5500	5500	5500	5500	33.92	0.00
CDE0443	Small Business Solutions	Small Business	SBEA - LED T8 1L 4' Tube Replacement (2340 Annual/45 Weekly Hours)	Electric	18 Units		\$0.00	2000	2000	2000	2000	38.16	0.00
CDE0444	Small Business Solutions	Small Business	SBEA - LED T8 1L 4' Tube Replacement (2860 Annual/55 Weekly Hours)	Electric	18 Units		\$0.00	2000	2000	2000	2000	46.64	0.00
CDE0445	Small Business Solutions	Small Business	SBEA - LED T8 1L 4' Tube Replacement (3640 Annual/70 Weekly Hours)	Electric	18 Units		\$0.00	2000	2000	2000	2000	59.36	0.00
CDE0446	Small Business Solutions	Small Business	SBEA - LED T8 1L 4' Tube Replacement (4420 Annual/85 Weekly Hours)	Electric	18 Units		\$0.00	500	500	500	500	72.08	0.00
CDE0447	Small Business Solutions	Small Business	SBEA - LED T8 1L 4' Tube Replacement (5200 Annual/100 Weekly Hours)	Electric	18 Units		\$0.00	300	300	300	300	84.79	0.00
CDE0448	Small Business Solutions	Small Business	SBEA - LED T8 1L 4' Tube Replacement (8736 Annual/168 Weekly Hours)	Electric	18 Units		\$0.00	550	550	550	550	142.45	0.00
CDG0028	Small Business Solutions	Small Business	SBEA - Low-Flow Faucet Aerators LT 1.5gpm (Kitchen)	Gas	10 Units		\$0.00	1000	1000	1000	1000	0.00	1.10
CDG0025	Small Business Solutions	Small Business	SBEA - Pipe Wrap - Conditioned Space - DHW - Gas	Gas	20 Linear Feet		\$0.00	250	250	250	250	0.00	0.13
CDG0093	Small Business Solutions	Small Business	SBEA - Programmable Tstat - Combo	Combo	9 Units		\$0.00	80	80	80	80	89.36	4.36
CDE0452	Small Business Solutions	Small Business	SBEA - Programmable Tstat - Electric	Electric	9 Units		\$0.00	50	50	50	50	89.36	0.00
CDG0172	Small Business Solutions	Small Business	SBEA - Programmable Tstat - Gas	Gas	9 Units		\$0.00	300	300	300	300	0.00	4.36
CDG0124	Small Business Solutions	Small Business	SBEA - SB Hosp - Gas Pipe Wrap - 140F DHW (unconditioned space)	Gas	20 Linear Feet		\$0.00	250	250	250	250	0.00	0.30
CDG0091	Small Business Solutions	Small Business	SBEA - SBA - Field Assessment and Report - Gas Customers	Gas	1 Units		\$0.00	475	475	475	475	0.00	9.11
CDG0157	Small Business Solutions	Small Business	SBEA - SBA - Field Assessment and Report with Direct Install - Gas Customers	Gas	1 Units		\$0.00	500	500	500	500	0.00	9.11
CDE0085	Small Business Solutions	Small Business	Evaporator Fan Motor Controls on ECM motors	Electric	5 Units		\$0.00	350	350	350	350	290.55	0.00
CDE0097	Small Business Solutions	Small Business	\$50 Permit	Electric	1 Units		\$0.00	25	25	25	25	0.00	0.00
CDE0098	Small Business Solutions	Small Business	\$100 Permit	Electric	1 Units		\$0.00	15	15	15	15	0.00	0.00
CDE0099	Small Business Solutions	Small Business	\$150 Permit	Electric	1 Units		\$0.00	10	10	10	10	0.00	0.00
CDE0275	Small Business Solutions	Small Business	LED Lighting for Refrigeration Cases	Electric	16 Linear Feet		\$0.00	4000	4000	4000	4000	147.91	0.00
CDG0079	Small Business Solutions	Small Business	Wired GREM Material Only (EG)	Combo	8 Units		\$0.00	10	10	10	10	179.61	5.11
CDG0080	Small Business Solutions	Small Business	Wireless GREM Material Only (EG)	Combo	8 Units		\$0.00	10	10	10	10	179.61	5.11
CDE0081	Small Business Solutions	Small Business	ECM Walk-in Cooler and Freezer Motor	Electric	15 Units		\$0.00	1300	1300	1300	1300	511.54	0.00
CDE0284	Small Business Solutions	Small Business	Occupancy Sensors for LED Refrigerator Lighting	Electric	16 Units		\$0.00	5	5	5	5	78.36	0.00
CDE0375	Small Business Solutions	Small Business	Wired GREM Material Only (EO)	Electric	8 Units		\$0.00	10	10	10	10	903.33	0.00
CDE0376	Small Business Solutions	Small Business	Wireless GREM Material Only (EO)	Electric	8 Units		\$0.00	10	10	10	10	903.33	0.00
CDE0430	Small Business Solutions	Small Business	Strip Curtains (40 Degrees) (After 05-01-2022)	Electric	4 Square Feet		\$0.00	1200	1200	1200	1200	74.84	0.00
CDE0431	Small Business Solutions	Small Business	Strip Curtains (0 Degrees) (After 05-01-2022)	Electric	4 Square Feet		\$0.00	450	450	450	450	399.72	0.00
CDE0432	Small Business Solutions	Small Business	ECM Case Motors (After 05-01-2022)	Electric	15 Units		\$0.00	500	500	500	500	725.48	0.00
CDE0433	Small Business Solutions	Small Business	Door Gaskets	Electric	4 Linear Feet		\$0.00	50	50	50	50	86.28	0.00
CDE0436	Small Business Solutions	Small Business	Anti-Sweat Heater Controls (After 05-01-2022)	Electric	12 Units		\$0.00	1200	1200	1200	1200	2948.60	0.00
CDG0076	Small Business Solutions	Small Business	SBEA - Wireless GREM (EG)	Combo	8 Units		\$0.00	300	300	300	300	187.12	4.92
CDE0348	Small Business Solutions	Small Business	SBEA - Wireless GREM (EO)	Electric	8 Units		\$0.00	350	350	350	350	941.09	0.00
CDE0108	Small Business Solutions	Small Business	LEDs Interior - Tier 1	Electric	3 per kWh reduced		\$0.18	5000	5000	5000	5000	0.88	0.00
CDE0108.1	Small Business Solutions	Small Business	LEDs Interior - Tier 2	Electric	3 per kWh reduced		\$0.16	3000	3000	3000	3000	0.88	0.00
CDE0108.2	Small Business Solutions	Small Business	LEDs Interior - Tier 3	Electric	3 per kWh reduced		\$0.14	1000	1000	1000	1000	0.88	0.00
CDE0222	Small Business Solutions	Small Business	LEDs Exterior - Tier 1	Electric	12 per kWh reduced		\$0.18	1440	1440	1440	1440	0.88	0.00
CDE0222.1	Small Business Solutions	Small Business	LEDs Exterior - Tier 2	Electric	12 per kWh reduced		\$0.16	1200	1200	1200	1200	0.88	0.00
CDE0222.2	Small Business Solutions	Small Business	LEDs Exterior - Tier 3	Electric	12 per kWh reduced		\$0.14	400	400	400	400	0.88	0.00
CDE0201-High	Small Business Solutions	Small Business	Fixture Removal Interior - High	Electric	15 Units		\$0.16	45	45	45	45	0.00	0.00
CDE0201-Low	Small Business Solutions	Small Business	Fixture Removal Interior - Low	Electric	15 Units		\$0.16	45	45	45	45	0.00	0.00
CDE0201-Medium	Small Business Solutions	Small Business	Fixture Removal Interior - Medium	Electric	15 Units		\$0.16	45	45	45	45	0.00	0.00
CDE0224-High	Small Business Solutions	Small Business	Fixture Removal Exterior - High	Electric	18 Units		\$0.16	10	10	10	10	0.00	0.00
CDE0224-Low	Small Business Solutions	Small Business	Fixture Removal Exterior - Low	Electric	18 Units		\$0.16	10	10	10	10	0.00	0.00
CDE0224-Medium	Small Business Solutions	Small Business	Fixture Removal Exterior - Medium	Electric	18 Units		\$0.16	10	10	10	10	0.00	0.00
CDG0082	Small Business Solutions	Small Business	Custom Occupancy Sensor	Electric	10 Watts Controlled		\$0.16	30	30	30	30	0.88	0.00
CDE0105	Small Business Solutions	Small Business	Daylight Controls	Electric	12 Watts Controlled		\$0.16	600	600	600	600	0.88	0.00
CDE0106	Small Business Solutions	Small Business	Occ Sensors	Electric	10 Watts Controlled		\$0.16	700	700	700	700	0.88	0.00
CDE0234	Small Business Solutions	Small Business	Custom LED Interior	Electric	15 Units		\$0.18	2400	2400	2400	2400	0.88	0.00
CDE0235	Small Business Solutions	Small Business	Custom Exterior LED	Electric	12 Units		\$0.18	180	180	180	180	0.88	0.00
CDE0236	Small Business Solutions	Small Business	Custom Interior T8 TS	Electric	16 Units		\$0.16	20	20	20	20	0.88	0.00
CDE0237	Small Business Solutions	Small Business	Custom Exterior T8 TS	Electric	16 Units		\$0.16	5	5	5	5	0.88	0.00
CDE0340	Small Business Solutions	Small Business	Custom Signs	Electric	12 Units		\$0.16	90	90	90	90	0.88	0.00
REE0003	Think! Energy	Think! Energy	Low Flow Showerheads - Electric	Electric	10 Units		\$0.00	129	129	129	129	133.87	0.00
REE0005	Think! Energy	Think! Energy	LED Night Light	Electric	12 Units		\$0.00	35420	35420	35420	35420	18.62	0.00
REE0006	Think! Energy	Think! Energy	LED Replacing A-line 60W - ER	Electric	1 Units		\$0.00	44226	0	0	0	25.37	0.00
REE0007	Think! Energy	Think! Energy	Advanced Power Strip Tier 1 AV Systems	Electric	5 Units		\$0.00	6899	6899	6899	6899	48.17	0.00
REE0009	Think! Energy	Think! Energy	Outdoor LED PAR/Flood <= 15.5W (dusk-to-dawn) - ER	Electric	1 Units		\$0.00	1000	0	0	0	246.00	0.00
REE0011	Think! Energy	Think! Energy	Door weatherstripping - Electric	Electric	5 Units		\$0.00	29757	29757	29757	29757	1.99	0.00
REE0012	Think! Energy	Think! Energy	Low Flow Bath Faucet Aerators - Education (1.0 GPM) - Electric	Electric	10 Units		\$0.00	5088	5088	5088	5088	45.78	0.00
REE0013	Think! Energy	Think! Energy	Low Flow Kitchen Faucet Aerators (1.5 GPM) - Electric	Electric	10 Units		\$0.00	2172	2172	2172	2172	99.70	0.00
REE0014	Think! Energy	Think! Energy	Low Flow Showerheads - Education (1.5 GPM) - Electric	Electric	10 Units		\$0.00	2665	2665	2665	2665	194.53	0.00
REE0015	Think! Energy	Think! Energy	R3 Pipe Wrap - Electric Water Heater	Electric	15 Units		\$0.00	16764	16764	16764	16764	24.87	0.00
REE0021	Think! Energy	Think! Energy	Low Flow Bath Faucet Aerators (1.0 GPM) - Electric	Electric	10 Units		\$0.00	258	258	258	258	29.18	0.00
REE0022	Think! Energy	Think! Energy	LED Night Light - LI	Electric	12 Units		\$0.00	44426	44426	44426	44426	20.24	0.00
REE0024	Think! Energy	Think! Energy	Window Insulation Kit (90.42 sq ft - LI - Electric	Electric	1 Units		\$0.00	7200	7200	7200	7200	9.31	0.00
REE0025	Think! Energy	Think! Energy	Door weatherstripping - LI - Electric	Electric	5 Units		\$0.00	40516	40516	40516	40516	2.10	0.00
REE0026	Think! Energy	Think! Energy	Low Flow Bath Faucet Aerators - Education (1.0 GPM) - LI - Electric	Electric	10 Units		\$0.00	6833	6833	6833	6833	49.76	0.00
REE0027	Think! Energy	Think! Energy	Low Flow Kitchen Faucet Aerators (1.5 GPM) - LI - Electric	Electric	10 Units		\$0.00	3112	3112	3112	3112	108.37	0.00
REE0028	Think! Energy	Think! Energy	Low Flow Showerheads - Education (1.5 GPM) - LI - Electric	Electric	10 Units		\$0.00	3261	3261	3261	3261	211.45	0.00
REE0029	Think! Energy	Think! Energy	R3 Pipe Wrap - Electric Water Heater - LI	Electric	15 Linear Feet		\$0.00	20376	20376	20376	20376	27.03	0.00
REE0030	Think! Energy	Think! Energy	Low Flow Showerheads (1.5 GPM) - LI - Electric	Electric	10 Units		\$0.00	135	135	135	135	145.51	0.00
REE0031	Think! Energy	Think! Energy	Low Flow Bath Faucet Aerators (1.0 GPM) - LI - Electric	Electric	10 Units		\$0.00	270	270	270	270	31.72	0.00
REG0002	Think! Energy	Think! Energy	R3 Pipe Wrap - Gas Water Heater	Gas	15 Linear Feet		\$0.00	100955	100955	100955	100955	0.00	0.12
REG0003	Think! Energy	Think! Energy	Low Flow Showerheads (1.5 GPM) - Gas	Gas	10 Units		\$0.00	661	661	661	661	0.00	0.55
REG0004	Think! Energy	Think! Energy	Low Flow Bath Faucet Aerators (1.0 GPM) - Gas	Gas	10 Units		\$0.00	741	741	741	741	0.00	0.12
REG0005	Think! Energy	Think! Energy	Low Flow Kitchen Faucet Aerators (1.5 GPM) - Gas	Gas	10 Units		\$0.00	14082	14082	14082	14082	0.00	0.42
REG0008	Think! Energy	Think! Energy	Low Flow Showerheads - Education (1.5 GPM) - Gas	Gas	10 Units		\$0.00	16164	16164	16164	16164	0.00	0.81
REG0009	Think! Energy	Think! Energy	Low Flow Bath Faucet Aerators - Education (1.0 GPM) - Gas	Gas	10 Units		\$0.00	31452	31452	31452	31452	0.00	0.19
REG0011	Think! Energy	Think! Energy	Window Insulation Kit (90.42 sq ft) - Gas	Gas	1 Units		\$0.00	75	75	75	75	0.00	0.73

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
REG0012	Think! Energy	Think! Energy	Door weatherstripping - Gas	Gas	5	Units	\$0.00	45600	45600	45600	45600	0.00	0.12
REG0017	Think! Energy	Think! Energy	R3 Pipe Wrap - Gas Water Heater - LI	Gas	15	Linear Feet	\$0.00	73674	73674	73674	73674	0.00	0.13
REG0018	Think! Energy	Think! Energy	Low Flow Showerheads (1.5 GPM) - LI - Gas	Gas	10	Units	\$0.00	495	495	495	495	0.00	0.60
REG0019	Think! Energy	Think! Energy	Low Flow Bath Faucet Aerators (1.0 GPM) - LI - Gas	Gas	10	Units	\$0.00	990	990	990	990	0.00	0.13
REG0020	Think! Energy	Think! Energy	Low Flow Kitchen Faucet Aerators (1.5 GPM) - LI - Gas	Gas	10	Units	\$0.00	10891	10891	10891	10891	0.00	0.46
REG0021	Think! Energy	Think! Energy	Low Flow Showerheads - Education (1.5 GPM) - LI - Gas	Gas	10	Units	\$0.00	11784	11784	11784	11784	0.00	0.88
REG0022	Think! Energy	Think! Energy	Low Flow Bath Faucet Aerators - Education (1.0 GPM) - LI - Gas	Gas	10	Units	\$0.00	25095	25095	25095	25095	0.00	0.21
REG0023	Think! Energy	Think! Energy	Window Insulation Kit (90.42 sq ft) - LI - Gas	Gas	1	Units	\$0.00	6026.25	6026.25	6026.25	6026.25	0.00	0.81
REG0024	Think! Energy	Think! Energy	Door weatherstripping - LI - Gas	Gas	5	Units	\$0.00	33190	33190	33190	33190	0.00	0.13
REE0000.1	Think! Energy	Think! Energy	Elementary Education Kits - Materials, Bag, Shower Timer, Flow Bag, Pipe Tape, shipping	Combo	1	Units	\$0.00	6958	6958	6958	6958	0.00	0.00
REG0000.1	Think! Energy	Think! Energy	Elementary Education Kits - Materials, Bag, Shower Timer, Flow Bag, Pipe Tape, shipping	Combo	1	Units	\$0.00	6958	6958	6958	6958	0.00	0.00
REE0000.2	Think! Energy	Think! Energy	Elementary Education Kits - Materials, Bag, Shower Timer, Flow Bag, Pipe Tape, shipping	Electric	1	Units	\$0.00	5951	5951	5951	5951	0.00	0.00
REG0000.2	Think! Energy	Think! Energy	Elementary Education Kits - Materials, Bag, Shower Timer, Flow Bag, Pipe Tape, shipping	Gas	1	Units	\$0.00	8781	8781	8781	8781	0.00	0.00
REE0000.3	Think! Energy	Think! Energy	Primary Education Kits - Materials, Packaging, flow bag, shipping	Combo	1	Units	\$0.00	2246	2246	2246	2246	0.00	0.00
REG0000.3	Think! Energy	Think! Energy	Primary Education Kits - Materials, Packaging, flow bag, shipping	Combo	1	Units	\$0.00	2246	2246	2246	2246	0.00	0.00
REE0000.4	Think! Energy	Think! Energy	Secondary Education Kits - Materials, packaging, Flow Bag, Pipe Tape, shipping	Combo	1	Units	\$0.00	3305	3305	3305	3305	0.00	0.00
REG0000.4	Think! Energy	Think! Energy	Secondary Education Kits - Materials, packaging, Flow Bag, Pipe Tape, shipping	Combo	1	Units	\$0.00	3305	3305	3305	3305	0.00	0.00
REE0000.5	Think! Energy	Think! Energy	Secondary Education Kits - Materials, packaging, Flow Bag, Pipe Tape, shipping	Electric	1	Units	\$0.00	300	300	300	300	0.00	0.00
REE0000.6	Think! Energy	Think! Energy	Outreach Kits - materials , packaging , flow bag, pipe tape, shipping	Combo	1	Units	\$0.00	700	700	700	700	0.00	0.00
REG0000.5	Think! Energy	Think! Energy	Outreach Kits - materials , packaging , flow bag, pipe tape, shipping	Combo	1	Units	\$0.00	700	700	700	700	0.00	0.00
REE0000.7	Think! Energy	Think! Energy	Outreach Kits - materials , packaging , flow bag, pipe tape, shipping	Electric	1	Units	\$0.00	50	50	50	50	0.00	0.00
REG0000.6	Think! Energy	Think! Energy	Outreach Kits - materials , packaging , flow bag, pipe tape, shipping	Gas	1	Units	\$0.00	100	100	100	100	0.00	0.00
REE0000.8	Think! Energy	Think! Energy	Elementary Education LI Kits - Materials, Bag, Shower Timer, Flow Bag, Pipe Tape, shipping	Combo	1	Units	\$0.00	9312	9312	9312	9312	0.00	0.00
REG0000.7	Think! Energy	Think! Energy	Elementary Education LI Kits - Materials, Bag, Shower Timer, Flow Bag, Pipe Tape, shipping	Combo	1	Units	\$0.00	9312	9312	9312	9312	0.00	0.00
REE0000.9	Think! Energy	Think! Energy	Elementary Education LI Kits - Materials, Bag, Shower Timer, Flow Bag, Pipe Tape, shipping	Electric	1	Units	\$0.00	5319	5319	5319	5319	0.00	0.00
REG0000.8	Think! Energy	Think! Energy	Elementary Education LI Kits - Materials, Bag, Shower Timer, Flow Bag, Pipe Tape, shipping	Gas	1	Units	\$0.00	3485	3485	3485	3485	0.00	0.00
REE0000.10	Think! Energy	Think! Energy	Primary Education LI Kits - Materials, Packaging, flow bag, shipping	Combo	1	Units	\$0.00	3510	3510	3510	3510	0.00	0.00
REG0000.9	Think! Energy	Think! Energy	Primary Education LI Kits - Materials, Packaging, flow bag, shipping	Combo	1	Units	\$0.00	3510	3510	3510	3510	0.00	0.00
REE0000.11	Think! Energy	Think! Energy	Secondary Education LI Kits - Materials, packaging, Flow Bag, Pipe Tape, shipping	Combo	1	Units	\$0.00	1672	1672	1672	1672	0.00	0.00
REG0000.10	Think! Energy	Think! Energy	Secondary Education LI Kits - Materials, packaging, Flow Bag, Pipe Tape, shipping	Combo	1	Units	\$0.00	1672	1672	1672	1672	0.00	0.00
REE0000.13	Think! Energy	Think! Energy	Outreach LI Kits - materials , packaging , flow bag, pipe tape, shipping	Combo	1	Units	\$0.00	500	500	500	500	0.00	0.00
REG0000.11	Think! Energy	Think! Energy	Outreach LI Kits - materials , packaging , flow bag, pipe tape, shipping	Combo	1	Units	\$0.00	500	500	500	500	0.00	0.00
REE0000.14	Think! Energy	Think! Energy	Outreach LI Kits - materials , packaging , flow bag, pipe tape, shipping	Electric	1	Units	\$0.00	250	250	250	250	0.00	0.00
REG0000.12	Think! Energy	Think! Energy	Outreach LI Kits - materials , packaging , flow bag, pipe tape, shipping	Gas	1	Units	\$0.00	100	100	100	100	0.00	0.00
REG0000.13	Think! Energy	Think! Energy	Secondary Education Kits - Materials, packaging, Flow Bag, Pipe Tape, shipping	Gas	1	Units	\$0.00	1256	1256	1256	1256	0.00	0.00
CBCE001	Custom	Custom Solutions	Custom Electric Program	Electric	15	Units	\$100,334.45	78	79	80	81	974358.97	0.00
CBRCX01	Custom	Custom Solutions	RCx	Combo	15	Units	\$6,300.00	1	1.2	1.4	1.6	2185000.00	3648.51
CBG0001	Custom	Custom Solutions	Custom Gas Program	Gas	15	Units	\$4,200,000.00	1	1	1	1	0.00	339000.00
CPE0002	Midstream	Midstream	LED MR16	Electric	3	Units	\$3.60	3568.23	3568.23	3568.23	3568.23	38.46	0.00
CPE0009	Midstream	Midstream	T8 TS Reduced Wattage	Electric	5	Units	\$1.04	0	1000	1500	2000	9.84	0.00
CPE0010	Midstream	Midstream	Bonus Electric	Electric	1	Units	\$0.40	285000	295000	310000	325000	0.00	0.00
CPE0011	Midstream	Midstream	ENERGY STAR® Commercial Solid Door Refrigerators (LT 15 cu ft)	Electric	12	Units	\$45.00	30	30	30	30	266.29	0.00
CPE0012	Midstream	Midstream	ENERGY STAR® Commercial Solid Door Refrigerators (15 - 30 cu ft)	Electric	12	Units	\$67.50	55	55	55	55	305.58	0.00
CPE0013	Midstream	Midstream	ENERGY STAR® Commercial Solid Door Refrigerators (30 - 50 cu ft)	Electric	12	Units	\$67.50	60	60	60	60	305.58	0.00
CPE0014	Midstream	Midstream	ENERGY STAR® Commercial Solid Door Refrigerators (GT 50 cu ft)	Electric	12	Units	\$112.50	5	5	5	5	406.62	0.00
CPE0015	Midstream	Midstream	ENERGY STAR® Commercial Solid Door Freezers (LT 15 cu ft)	Electric	12	Units	\$45.00	5	5	5	5	194.76	0.00
CPE0016	Midstream	Midstream	ENERGY STAR® Commercial Solid Door Freezers (15 - 30 cu ft)	Electric	12	Units	\$67.50	35	35	35	35	480.87	0.00
CPE0017	Midstream	Midstream	ENERGY STAR® Commercial Solid Door Freezers (30 - 50 cu ft)	Electric	12	Units	\$67.50	35	35	35	35	589.13	0.00
CPE0018	Midstream	Midstream	ENERGY STAR® Commercial Solid Door Freezers (GT 50 cu ft)	Electric	12	Units	\$112.50	2	2	2	2	812.36	0.00
CPE0019	Midstream	Midstream	Steam Cookers (3 Pan, Electric)	Electric	12	Units	\$900.00	5	5	5	5	10292.96	0.00
CPE0020	Midstream	Midstream	Steam Cookers (4 Pan, Electric)	Electric	12	Units	\$1,125.00	5	5	5	5	11462.28	0.00
CPE0021	Midstream	Midstream	Steam Cookers (5 Pan, Electric)	Electric	12	Units	\$1,350.00	5	5	5	5	12724.52	0.00
CPE0022	Midstream	Midstream	Steam Cookers (6 Pan, Electric)	Electric	12	Units	\$1,485.00	25	25	25	25	13956.40	0.00
CPE0023	Midstream	Midstream	ENERGY STAR® Hot Holding Cabinets (Half Size)	Electric	12	Units	\$247.50	10	10	10	10	1644.96	0.00
CPE0024	Midstream	Midstream	ENERGY STAR® Hot Holding Cabinets (Three Quarter Size)	Electric	12	Units	\$337.50	10	10	10	10	2605.44	0.00
CPE0025	Midstream	Midstream	ENERGY STAR® Hot Holding Cabinets (Full Size)	Electric	12	Units	\$540.00	20	20	20	20	4855.76	0.00
CPE0026	Midstream	Midstream	Energy Efficient Ice Machines (LT 500 lbs)	Electric	8.5	Units	\$90.00	35	35	35	35	360.64	0.00
CPE0027	Midstream	Midstream	Energy Efficient Ice Machines (500 to 1000 lbs)	Electric	8.5	Units	\$225.00	10	10	10	10	642.16	0.00
CPE0028	Midstream	Midstream	Energy Efficient Ice Machines (1001 to 1500 lbs)	Electric	8.5	Units	\$315.00	5	5	5	5	1235.56	0.00
CPE0029	Midstream	Midstream	Pre-Rinse Sprayers (electric water heat)	Electric	5	Units	\$31.50	2	2	2	2	641.32	0.00
CPE0030	Midstream	Midstream	ENERGY STAR Commercial Glass Door Refrigerators less than 15 cu. ft.	Electric	12	Units	\$45.00	12	12	12	12	156.40	0.00
CPE0031	Midstream	Midstream	ENERGY STAR Commercial Glass Door Refrigerators 15 to 30 cu. ft.	Electric	12	Units	\$67.50	7	7	7	7	299.00	0.00
CPE0032	Midstream	Midstream	ENERGY STAR Commercial Glass Door Refrigerators 31 to 50 cu. ft.	Electric	12	Units	\$90.00	10	10	10	10	496.80	0.00
CPE0033	Midstream	Midstream	ENERGY STAR Commercial Glass Door Refrigerators more than 50 cu. ft.	Electric	12	Units	\$112.50	5	5	5	5	557.52	0.00
CPE0034	Midstream	Midstream	ENERGY STAR Commercial Glass Door Freezers less than 15 cu. ft.	Electric	12	Units	\$45.00	5	5	5	5	392.84	0.00
CPE0035	Midstream	Midstream	ENERGY STAR Commercial Glass Door Freezers 15 to 30 cu. ft.	Electric	12	Units	\$67.50	5	5	5	5	645.84	0.00
CPE0036	Midstream	Midstream	ENERGY STAR Commercial Glass Door Freezers 31 to 50 cu. ft.	Electric	12	Units	\$103.50	5	5	5	5	977.04	0.00
CPE0037	Midstream	Midstream	ENERGY STAR Commercial Glass Door Freezers more than 50 cu.ft.	Electric	12	Units	\$135.00	5	5	5	5	1425.08	0.00
CPE0038	Midstream	Midstream	ENERGY STAR Fryers	Electric	12	Units	\$135.00	15	15	15	15	2367.16	0.00
CPE0039	Midstream	Midstream	ENERGY STAR Griddles	Electric	12	Units	\$270.00	5	5	5	5	2386.48	0.00
CPE0040	Midstream	Midstream	ENERGY STAR Convection Ovens	Electric	12	Units	\$225.00	20	20	20	20	3578.80	0.00
CPE0041	Midstream	Midstream	Combination Ovens (EO)	Electric	12	Units	\$1,620.00	20	20	20	20	15846.08	0.00
CPE0042	Midstream	Midstream	Exit Sign	Electric	15	Units	\$6.30	1279.232	1279.232	1279.232	1279.232	184.92	0.00
CPE0043	Midstream	Midstream	Tankless Water Heaters - Electric	Electric	20	Units	\$45.00	2	2	2	2	587.88	0.00
CPE0044	Midstream	Midstream	RTUs AC <65k Single Package Unit SEER2 15.2- 1 Ph	Electric	15	Tons	\$256.50	1	1	1	1	343.04	0.00
CPE0045	Midstream	Midstream	RTUs AC 65k - 135k EER 12.5 IEER 17.8	Electric	15	Tons	\$180.00	1	1	1	1	56.54	0.00
CPE0046	Midstream	Midstream	RTUs AC 240k - 760k EER 12.5 IEER 15.5	Electric	15	Tons	\$562.50	1	1	1	1	55.66	0.00
CPE0047	Midstream	Midstream	RTUs AC 135k - 240k EER 12 IEER 16.8	Electric	15	Tons	\$202.50	1	1	1	1	42.45	0.00
CPE0050	Midstream	Midstream	PTAC < 7kBtu/hr	Electric	15	Tons	\$45.00	1	1	1	1	49.77	0.00
CPE0051	Midstream	Midstream	PTAC 7kBtu/hr - 15kBtu/hr	Electric	15	Tons	\$54.00	110	110	110	110	68.34	0.00

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
CPE0052	Midstream	Midstream	PTAC > 15kBtu/hr	Electric	15 Tons		\$63.00	1	1	1	1	76.92	0.00
CPE0055	Midstream	Midstream	Clothes Dryer ENERGY STAR, Electric	Electric	7 Units		\$81.00	1	1	1	1	946.70	0.00
CPE0056	Midstream	Midstream	Clothes Washer ENERGY STAR, Electric Water heater	Electric	7 Units		\$63.00	1	1	1	1	697.38	0.00
CPE0057	Midstream	Midstream	Drinking Water Cooler Misers	Electric	5 Units		\$45.00	1	1	1	1	556.60	0.00
CPE0058	Midstream	Midstream	Snack Vending Machine Misers	Electric	5 Units		\$22.50	1	1	1	1	315.10	0.00
CPE0059	Midstream	Midstream	Daylight sensors (Watts Reduced)	Electric	12 Units		\$0.14	1	1	1	1	0.74	0.00
CPE0061	Midstream	Midstream	2ft LED Tubes w/delamping	Electric	18 Units		\$2.70	9115.53	9115.53	9115.53	9115.53	22.94	0.00
CPE0062	Midstream	Midstream	3ft LED Tubes w/delamping	Electric	18 Units		\$3.60	2936.01	2936.01	2936.01	2936.01	46.31	0.00
CPE0063	Midstream	Midstream	4ft LED Tubes w/ delamping	Electric	18 Units		\$4.50	604398.6	604398.6	604398.6	604398.6	53.29	0.00
CPE0064	Midstream	Midstream	8ft LED Tubes w/ delamping	Electric	18 Units		\$7.20	21074.82	21074.82	21074.82	21074.82	63.43	0.00
CPE0067	Midstream	Midstream	Engine Block Heater Controls	Electric	5 Units		\$54.00	10	20	50	100	529.92	0.00
CPE0068	Midstream	Midstream	Low-Energy Livestock Waterer	Electric	10 Units		\$112.50	110	110	110	110	1468.32	0.00
CPE0069	Midstream	Midstream	Ag Circulation, Exhaust, or Vent Fans (24" to 35" Fan blade diam)	Electric	7 Units		\$27.00	10	10	10	10	342.37	0.00
CPE0070	Midstream	Midstream	Ag Circulation, Exhaust, or Vent Fans (36" to 47" Fan blade diam)	Electric	7 Units		\$49.50	10	10	10	10	575.21	0.00
CPE0071	Midstream	Midstream	Ag Circulation, Exhaust, or Vent Fans (48" to 71" Fan blade diam)	Electric	7 Units		\$90.00	10	10	10	10	1032.57	0.00
CPE0072	Midstream	Midstream	Wallpacks <50w	Electric	12 Units		\$13.50	385.032	385.032	385.032	385.032	160.17	0.00
CPE0073	Midstream	Midstream	Wallpacks 50w-99w	Electric	12 Units		\$27.00	1542.232	1542.232	1542.232	1542.232	449.79	0.00
CPE0074	Midstream	Midstream	Wallpacks 100w-225w	Electric	12 Units		\$45.00	391.344	391.344	391.344	391.344	692.94	0.00
CPE0075	Midstream	Midstream	Wallpacks >226w	Electric	12 Units		\$90.00	20	20	20	20	2900.67	0.00
CPE0076	Midstream	Midstream	Low Pressure Drop non-HEPA filters	Electric	2 CFM		\$0.12	1000	1000	1000	1000	0.18	0.00
CPE0077	Midstream	Midstream	Low Pressure Drop HEPA filters	Electric	4 CFM		\$0.72	1000	1000	1000	1000	0.92	0.00
CPE0078	Midstream	Midstream	PTHP > 15kBtu/hr	Electric	15 Tons		\$45.00	1000	1000	1000	1000	283.23	0.00
CPE0079	Midstream	Midstream	PTHP 7kBtu/hr - 15kBtu/hr	Electric	15 Tons		\$54.00	1200	1200	1200	1200	216.65	0.00
CPE0080	Midstream	Midstream	PTHP < 7kBtu/hr	Electric	15 Tons		\$45.00	1000	1000	1000	1000	372.24	0.00
CPE0081	Midstream	Midstream	3-phase High Frequency Battery Charger - 1 shift	Electric	20 Units		\$157.50	5	5	5	5	1343.20	0.00
CPE0082	Midstream	Midstream	3-phase High Frequency Battery Charger - 2 shifts	Electric	20 Units		\$247.50	5	5	5	5	2472.96	0.00
CPE0083	Midstream	Midstream	3-phase High Frequency Battery Charger - 3 shifts	Electric	20 Units		\$337.50	5	5	5	5	3346.96	0.00
CPE0084	Midstream	Midstream	Sensor controlled food wrapper	Electric	10 Units		\$67.50	1	1	1	1	694.90	0.00
CPE0091	Midstream	Midstream	1x4 LED Flat Panel (3001-4500 lm)	Electric	18 Units		\$3.60	12.3	12.3	12.3	12.3	58.25	0.00
CPE0092	Midstream	Midstream	1x4 LED Flat Panel (4501-6000 lm)	Electric	18 Units		\$6.30	127.92	127.92	127.92	127.92	116.81	0.00
CPE0093	Midstream	Midstream	2x2 LED Flat Panel (2000-3000 lm)	Electric	18 Units		\$5.40	7.38	7.38	7.38	7.38	80.60	0.00
CPE0094	Midstream	Midstream	2x2 LED Flat Panel (GT 3001 lm)	Electric	18 Units		\$7.20	2938.47	2938.47	2938.47	2938.47	127.85	0.00
CPE0095	Midstream	Midstream	2x4 LED Flat Panel (3000-4500 lm)	Electric	18 Units		\$3.60	76.26	76.26	76.26	76.26	59.17	0.00
CPE0096	Midstream	Midstream	2x4 LED Flat Panel (4501-6000 lm)	Electric	18 Units		\$6.30	2848.68	2848.68	2848.68	2848.68	105.20	0.00
CPE0097	Midstream	Midstream	2x4 LED Flat Panel (GT 6001)	Electric	18 Units		\$8.10	1365.3	1365.3	1365.3	1365.3	116.97	0.00
CPE0098	Midstream	Midstream	Cogged V Belt 1-25 HP (after 7/1/2023)	Electric	5 Units		\$67.50	13470.86	13470.86	13470.86	13470.86	462.99	0.00
CPE0100	Midstream	Midstream	1x4 LED Troffer (3001-4500 lm)	Electric	18 Units		\$3.60	3.69	3.69	3.69	3.69	58.25	0.00
CPE0103	Midstream	Midstream	2x2 LED Troffer (GT 3001 lm)	Electric	18 Units		\$7.20	325.95	325.95	325.95	325.95	127.85	0.00
CPE0104	Midstream	Midstream	2x4 LED Troffer (3000-4500 lm)	Electric	18 Units		\$3.60	102.09	102.09	102.09	102.09	59.17	0.00
CPE0105	Midstream	Midstream	2x4 LED Troffer (4501-6000 lm)	Electric	18 Units		\$6.30	114.39	114.39	114.39	114.39	105.20	0.00
CPE0106	Midstream	Midstream	2x4 LED Troffer (GT 6001)	Electric	18 Units		\$8.10	1.23	1.23	1.23	1.23	116.97	0.00
CPE0111	Midstream	Midstream	Canopy <50w	Electric	12 Units		\$13.50	30.508	30.508	30.508	30.508	160.17	0.00
CPE0114	Midstream	Midstream	Canopy 50w-99w	Electric	12 Units		\$27.00	118.876	118.876	118.876	118.876	449.79	0.00
CPE0115	Midstream	Midstream	Ductless Air Conditioning or Air-Source Heat Pump System	Electric	15 Tons		\$45.00	5	5	5	5	249.67	0.00
CPE0116	Midstream	Midstream	Exterior Mogul Base HID Replacement (101-200w) - 150.5W	Electric	12 Units		\$49.50	46.288	46.288	46.288	46.288	407.39	0.00
CPE0119	Midstream	Midstream	Exterior Mogul Base HID Replacement (30-50w) - 40W	Electric	12 Units		\$22.50	282.988	282.988	282.988	282.988	198.92	0.00
CPE0120	Midstream	Midstream	Exterior Mogul Base HID Replacement (51-100w) - 75.5W	Electric	12 Units		\$31.50	3789.304	3789.304	3789.304	3789.304	265.89	0.00
CPE0121	Midstream	Midstream	High Bay: Interior HID & T5/T8/T12 Combined Wattage (AVG.): (101-200w) - 150.5W	Electric	16 Units		\$49.50	4082.812	4082.812	4082.812	4082.812	433.55	0.00
CPE0122	Midstream	Midstream	High Bay: Interior HID & T5/T8/T12 Combined Wattage (AVG.): (201-250w) - 225.5W	Electric	16 Units		\$67.50	1372.86	1372.86	1372.86	1372.86	618.84	0.00
CPE0123	Midstream	Midstream	High Bay: Interior HID & T5/T8/T12 Combined Wattage (AVG.): (251w+) - 251W	Electric	16 Units		\$72.00	86.264	86.264	86.264	86.264	681.84	0.00
CPE0125	Midstream	Midstream	High Bay: Interior HID & T5/T8/T12 Combined Wattage (AVG.): (51-100w) - 75.5W	Electric	16 Units		\$31.50	140.968	140.968	140.968	140.968	248.25	0.00
CPE0126	Midstream	Midstream	High-Efficiency Electric Hand Dryers (ME107)	Electric	10 Units		\$90.00	85	85	85	85	887.80	0.00
CPE0127	Midstream	Midstream	Interior Mogul Base HID Replacement (101-200w) - 150.5W	Electric	12 Units		\$49.50	25.248	25.248	25.248	25.248	489.29	0.00
CPE0129	Midstream	Midstream	Interior Mogul Base HID Replacement (251w+) - 251W	Electric	12 Units		\$72.00	3.156	3.156	3.156	3.156	733.59	0.00
CPE0132	Midstream	Midstream	LED Pole Light <50w	Electric	12 Units		\$13.50	17.22	17.22	17.22	17.22	160.17	0.00
CPE0133	Midstream	Midstream	LED Pole Light >226w	Electric	12 Units		\$90.00	59.04	59.04	59.04	59.04	2900.67	0.00
CPE0134	Midstream	Midstream	LED Pole Light 100w-225w	Electric	12 Units		\$45.00	237.39	237.39	237.39	237.39	692.94	0.00
CPE0135	Midstream	Midstream	LED Pole Light 50w-99w	Electric	12 Units		\$27.00	11.07	11.07	11.07	11.07	449.79	0.00
CPE0136	Midstream	Midstream	U-Bend 4ft LED Tubes w/out delamping	Electric	18 Units		\$4.50	8204.1	8204.1	8204.1	8204.1	45.48	0.00
CPE0137	Midstream	Midstream	Product Qualification	Electric	1 Units		\$0.90	15180.89	15180.89	15180.89	15180.89	0.00	0.00
CPE0138	Midstream	Midstream	Pin-based LED	Electric	3 Units		\$3.60	11533.71	11533.71	11533.71	11533.71	27.05	0.00
CPE0139	Midstream	Midstream	Trim Kits	Electric	3 Units		\$7.20	17771.44	17771.44	17771.44	17771.44	78.61	0.00
CPG0009	Midstream	Midstream	Steam Traps	Gas	6 Units		\$67.50	500	500	500	500	0.00	13.35
CPG0010	Midstream	Midstream	Bonus Gas	Gas	1 Units		\$0.40	25000	25000	25000	25000	0.00	0.00
CPG0013	Midstream	Midstream	High Efficiency Furnace or Unit Heater (GT or EQ 95% AFUE) d 120	Gas	15 kBtu/h		\$4.06	48.75	48.75	48.75	48.75	0.00	0.25
CPG0014	Midstream	Midstream	High Efficiency Furnace or Unit Heater (GT or EQ 95% AFUE) GT 120	Gas	15 kBtu/h		\$2.16	97.5	97.5	97.5	97.5	0.00	0.23
CPG0020	Midstream	Midstream	ENERGY STAR® Steam Cookers (5 Pan, Gas)	Gas	12 Units		\$1,552.50	5	5	5	5	0.00	182.26
CPG0021	Midstream	Midstream	ENERGY STAR® Steam Cookers (6 Pan, Gas)	Gas	12 Units		\$1,863.00	20	20	20	20	0.00	186.74
CPG0022	Midstream	Midstream	Convection Ovens	Gas	12 Units		\$427.50	55	55	55	55	0.00	41.31
CPG0023	Midstream	Midstream	Combination Ovens (GO)	Gas	12 Units		\$750.00	27.5	27.5	27.5	27.5	0.00	70.07
CPG0024	Midstream	Midstream	Rack Oven Single	Gas	12 Units		\$828.00	5	5	5	5	0.00	92.65
CPG0025	Midstream	Midstream	Rack Oven Double	Gas	12 Units		\$1,656.00	5	5	5	5	0.00	189.34
CPG0026	Midstream	Midstream	ENERGY STAR® Fryer	Gas	12 Units		\$450.00	10	10	10	10	0.00	45.25
CPG0027	Midstream	Midstream	Large Vat Fryer	Gas	12 Units		\$62.50	12	12	12	12	0.00	51.70
CPG0028	Midstream	Midstream	ENERGY STAR® Griddles	Gas	12 Units		\$350.00	3.75	3.75	3.75	3.75	0.00	13.35
CPG0029	Midstream	Midstream	Energy Star Dishwasher-Commercial	Gas	20 Units		\$225.00	10	10	10	10	0.00	15.95
CPG0030	Midstream	Midstream	Energy Star Dishwasher-Under Counter	Gas	10 Units		\$45.00	12	12	12	12	0.00	4.03
CPG0032	Midstream	Midstream	Commercial Conveyor Oven, large, greater than 25 in total conveyor width	Gas	12 Units		\$414.00	10	10	10	10	0.00	79.21
CPG0034	Midstream	Midstream	Infrared Charbroiler	Gas	12 Units		\$855.00	5	5	5	5	0.00	101.44
CPG0035	Midstream	Midstream	Infrared Rotisserie Oven	Gas	12 Units		\$202.50	5	5	5	5	0.00	24.82

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
CPG0036	Midstream	Midstream	Infrared Salamander Broiler	Gas	12	Units	\$247.50	5	5	5	5	0.00	30.56
CPG0037	Midstream	Midstream	Infrared Upright Broiler	Gas	12	Units	\$675.00	5	5	5	5	0.00	83.96
CPG0038	Midstream	Midstream	Pasta Cooker	Gas	12	Units	\$990.00	5	5	5	5	0.00	125.63
CPG0056	Midstream	Midstream	Gas Tank-Style Domestic Water Heater <= 140 gal, >75 MBH	Gas	13	Units	\$247.50	3	3	3	3	0.00	27.63
CPG0057	Midstream	Midstream	Commercial Kitchen Ventilation Control (GO)	Gas	20	CFM	\$0.36	12000	12000	12000	12000	0.00	0.02
CPG0066	Midstream	Midstream	Boiler > 2500 and <=10000 kBtuH 90 Ec	Gas	20	MBH	\$1.80	2500	2500	2500	2500	0.00	0.21
CHG0214	Prescriptive	Prescriptive Solutions	Automatic Boiler Blowdown Reduction	Gas	15	Gallon	\$0.02	2106231	2106231	2106231	2106231	0.00	0.00
CME0002	Prescriptive	Prescriptive Solutions	Constant Volume AHU to VAV AHU with Hydronic Reheat (EG)	Combo	20	Square Feet	\$1.13	138086	138086	138086	138086	3.35	0.02
CME0022	Prescriptive	Prescriptive Solutions	Constant Volume AHU to VAV AHU with Hydronic Reheat (EO)	Electric	20	Square Feet	\$0.54	116318	116318	116318	116318	5.88	0.00
CSG0025	Prescriptive	Prescriptive Solutions	Enthalpy Wheel Energy Recovery Unit	Gas	15	CFM	\$0.36	109895	109895	109895	109895	0.00	0.04
CMG0002	Prescriptive	Prescriptive Solutions	Constant Volume AHU to VAV AHU with Hydronic Reheat (GO)	Gas	20	Square Feet	\$0.23	75382	75382	75382	75382	0.00	0.04
CHG0235	Prescriptive	Prescriptive Solutions	Process Boiler Stack Economizers (80-199 degrees)	Gas	15	MBH	\$0.68	175000	175000	175000	175000	0.00	0.06
CSG0024	Prescriptive	Prescriptive Solutions	Fixed-Plate Energy Recovery Unit (GO)	Gas	15	CFM	\$0.32	7000	7000	7000	7000	0.00	0.02
CHE0211	Prescriptive	Prescriptive Solutions	Computer Room Air-Side Conditioning Economizer - Pumped Refrigerant - Class 2	Electric	15	MBH	\$54.00	3357	3357	3357	3357	168.00	0.00
CHE0132	Prescriptive	Prescriptive Solutions	Water-side Economizer: Air-Cooled Chiller	Electric	15	Tons	\$135.00	695.8	695.8	695.8	695.8	756.79	0.00
CHE0212	Prescriptive	Prescriptive Solutions	Computer Room Air-Side Conditioning Economizer - Pumped Refrigerant - Class 3	Electric	15	MBH	\$54.00	384	384	384	384	220.99	0.00
CHE0131	Prescriptive	Prescriptive Solutions	Water-side Economizer: Water-Cooled Chiller	Electric	15	Tons	\$54.00	161	161	161	161	674.41	0.00
CRG0014	Prescriptive	Prescriptive Solutions	Air-Cooled Condenser - Gas DWH - HVAC or Process Applications	Gas	15	Tons	\$180.00	32.5	32.5	32.5	32.5	0.00	13.44
CSG0060	Prescriptive	Prescriptive Solutions	Refrigeration Waste Heat Recovery Decreasing HVAC Heating Load (GO)	Gas	15	Tons	\$112.50	32	32	32	32	0.00	17.79
CSG0049	Prescriptive	Prescriptive Solutions	Refrigeration Waste Heat Recovery Decreasing HVAC Heating Load	Combo	15	Tons	\$112.50	25	25	25	25	46.15	17.79
CHG0234	Prescriptive	Prescriptive Solutions	HVAC Boiler Stack Economizers (80-199 degrees)	Gas	15	MBH	\$0.45	55000	55000	55000	55000	0.00	0.12
CRG0006	Prescriptive	Prescriptive Solutions	Boiler Stack Economizers - Process Boilers (200 degrees)	Gas	15	MBH	\$1.35	125000	125000	125000	125000	0.00	0.15
CLE0181	Prescriptive	Prescriptive Solutions	LED Grow Lights - < 6,570 Annual Hours - New Construction	Electric	11	Watts Installed	\$0.25	8928549	8928549	8928549	8928549	2.96	0.00
CSE0187	Prescriptive	Prescriptive Solutions	Indoor Agriculture Grow Room LED Lighting HVAC Savings <6,570 Annual Hours	Electric	11	Watts Removed	\$0.08	7443446	7443446	7443446	7443446	0.83	0.00
CSG0051	Prescriptive	Prescriptive Solutions	Greenhouse Infrared Film Replacing a Double-Layer Roof with Double-Layer	Gas	5	Square Feet	\$0.14	2757416	2757416	2757416	2757416	0.00	0.01
CSE0092	Prescriptive	Prescriptive Solutions	Dairy Refrigeration Tune-up	Electric	5	Units	\$0.04	2602387	2602387	2602387	2602387	0.08	0.00
CLE0182	Prescriptive	Prescriptive Solutions	LED Grow Lights - > 6,570 Annual Hours - New Construction	Electric	7.6	Watts Installed	\$0.40	2007439	2007439	2007439	2007439	4.45	0.00
CLE0069	Prescriptive	Prescriptive Solutions	LED Grow Lights < 6,570 Annual Hours	Electric	11	Watts Removed	\$0.32	1358920	1358920	1358920	1358920	3.63	0.00
CSE0239	Prescriptive	Prescriptive Solutions	Indoor Agriculture Grow Room LED Lighting HVAC Savings >6,570 Annual Hours	Electric	11	Watts Removed	\$0.10	607561	607561	607561	607561	1.25	0.00
CSE0121	Prescriptive	Prescriptive Solutions	Milk Pre-Cooler (Chiller Savings)	Electric	15	Units	\$0.18	477692	477692	477692	477692	1.00	0.00
CSG0004	Prescriptive	Prescriptive Solutions	Greenhouse Heat Curtains	Gas	5	Square Feet	\$0.13	231115.5	231115.5	231115.5	231115.5	0.00	0.01
CSG0047	Prescriptive	Prescriptive Solutions	New Grain Dryers	Gas	25	Units	\$0.04	425886	425886	425886	425886	0.00	0.00
CSE0188	Prescriptive	Prescriptive Solutions	LED Grow Lights GT 6,570 Annual Hours	Electric	7.6	Watts Removed	\$0.47	423776	423776	423776	423776	5.44	0.00
CSG0098	Prescriptive	Prescriptive Solutions	Greenhouse Environmental Controls (GO)	Gas	15	Square Feet	\$0.27	345487	345487	345487	345487	0.00	0.02
CAE0023	Prescriptive	Prescriptive Solutions	Variable Speed Controller on Milk Pump with New Milk Pre-Cooler	Electric	15	Units	\$0.13	330546	330546	330546	330546	0.97	0.00
CSE0186	Prescriptive	Prescriptive Solutions	Indoor Agriculture Dehumidification Units (> 155 pints/day capacity)	Electric	10	Units	\$0.50	271545	271545	271545	271545	6.30	0.00
CAE0022	Prescriptive	Prescriptive Solutions	Variable Speed Controller on Milk Pump with Existing Milk Pre-Cooler	Electric	15	Units	\$0.09	173712	173712	173712	173712	0.48	0.00
CLE0074	Prescriptive	Prescriptive Solutions	Dairy Long Day Lighting (Interior LED Lighting)	Electric	16	Watts Removed	\$0.63	97195	97195	97195	97195	5.14	0.00
CSG0058	Prescriptive	Prescriptive Solutions	Greenhouse Floor or Bench Heating System (Without Heat Curtains)	Gas	20	Square Feet	\$0.45	72120	72120	72120	72120	0.00	0.03
CSG0059	Prescriptive	Prescriptive Solutions	Greenhouse Floor or Bench Heating System (With Heat Curtains)	Gas	20	Square Feet	\$0.23	50000	50000	50000	50000	0.00	0.02
CFE0019	Prescriptive	Prescriptive Solutions	Poultry LED Lighting Systems	Electric	9	Watts Removed	\$0.63	44900	44900	44900	44900	4.84	0.00
CSG0050	Prescriptive	Prescriptive Solutions	Greenhouse Infrared Film Replacing a Single-Layer with a Double-Layer Roof	Gas	4	Square Feet	\$0.45	55000	55000	55000	55000	0.00	0.04
CSE0237	Prescriptive	Prescriptive Solutions	LED Grow Light Dimming Controls <6,570 Annual hrs	Electric	12	Watts Removed	\$0.35	5940	5940	5940	5940	3.34	0.00
CHG0222	Prescriptive	Prescriptive Solutions	Fan Thermostat Controller	Electric	15	Units	\$171.00	3097	3097	3097	3097	1313.21	0.00
CAE0034	Prescriptive	Prescriptive Solutions	VSD on Agricultural Irrigation Systems	Electric	10	HP	\$36.00	999.4	999.4	999.4	999.4	161.46	0.00
CSE0106	Prescriptive	Prescriptive Solutions	Circulation, Exhaust, or Vent Fans (48" to 72" Fan blade diam)	Electric	7	Units	\$90.00	641	641	641	641	929.31	0.00
CSE0174	Prescriptive	Prescriptive Solutions	Heating Mats for Swine Farrowing Crates - Double Mat	Electric	15	Units	\$90.00	560	560	560	560	634.08	0.00
CSE0104	Prescriptive	Prescriptive Solutions	Circulation, Exhaust, or Vent Fans (24" to 35" Fan blade diam)	Electric	7	Units	\$27.00	240	240	240	240	308.13	0.00
CME0033	Prescriptive	Prescriptive Solutions	VFD on Ag Fans (> 2,000) - Electric	Electric	15	HP	\$72.00	223.1	223.1	223.1	223.1	645.84	0.00
CSE0175	Prescriptive	Prescriptive Solutions	Heating Mats for Swine Farrowing Crates - Single Mat	Electric	15	Units	\$45.00	112	112	112	112	317.01	0.00
CME0053	Prescriptive	Prescriptive Solutions	VSD on Golf Course Irrigation Systems	Electric	10	HP	\$36.00	95	95	95	95	161.46	0.00
CSE0110	Prescriptive	Prescriptive Solutions	Low- or Zero-Energy Livestock Waterer	Electric	10	Units	\$112.50	67	67	67	67	1321.49	0.00
CME0035	Prescriptive	Prescriptive Solutions	VFD on Ag Pumps (> 2,000) - Electric	Electric	15	HP	\$45.00	55.7	55.7	55.7	55.7	359.35	0.00
CSE0102	Prescriptive	Prescriptive Solutions	Micro (Drip) Irrigation Systems	Electric	15	Units	\$45.00	51.71	51.71	51.71	51.71	153.18	0.00
CAE0021	Prescriptive	Prescriptive Solutions	Variable Speed Controller for Vacuum Pump	Electric	10	HP	\$90.00	45	45	45	45	494.98	0.00
CME0032	Prescriptive	Prescriptive Solutions	VFD on Ag Fans (750 - 2,000) - Electric	Electric	15	HP	\$54.00	12	12	12	12	215.28	0.00
CHE0148	Prescriptive	Prescriptive Solutions	ECM Fan Motor For Cold Storage Evaporator	Electric	15	HP	\$90.00	11.15	11.15	11.15	11.15	444.72	0.00
CSE0105	Prescriptive	Prescriptive Solutions	Circulation, Exhaust, or Vent Fans (36" to 47" Fan blade diam)	Electric	7	Units	\$45.00	10	10	10	10	517.69	0.00
CME0034	Prescriptive	Prescriptive Solutions	VFD on Ag Pumps (750 - 2,000) - Electric	Electric	15	HP	\$36.00	4	4	4	4	120.06	0.00
CBE0405	Prescriptive	Prescriptive Solutions	Farm Energy Audit as Defined by USDA (Tier 2) (EO)	Electric	1	Units	\$1,350.00	3	3	3	3	0.00	0.00
CSE0162	Prescriptive	Prescriptive Solutions	Retrofit Grain Dryers	Gas	25	Units	\$0.03	70000	70000	70000	70000	0.00	0.00
CBE0003	Prescriptive	Prescriptive Solutions	Cool (White) Roof (Consumers Energy Electric Customer Only)	Electric	20	Square Feet	\$0.02	588940	588940	588940	588940	0.06	0.00
CBE0413	Prescriptive	Prescriptive Solutions	Buy USA (Incentives Only) (EO)	Electric	1	Units	\$0.90	152930.6	152930.6	152930.6	152930.6	0.00	0.00
CBE0401	Prescriptive	Prescriptive Solutions	Buy Michigan (Incentives Only) (EO)	Electric	1	Units	\$0.90	53417.86	53417.86	53417.86	53417.86	0.00	0.00
CBE0406	Prescriptive	Prescriptive Solutions	Rollover Bonus (EO)	Electric	1	Units	\$0.40	50575.85	50575.85	50575.85	50575.85	0.00	0.00
CBE0400	Prescriptive	Prescriptive Solutions	Buy Michigan (Incentives Only) (EG)	Combo	1	Units	\$0.90	39697.8	39697.8	39697.8	39697.8	0.00	0.00
CBG0400	Prescriptive	Prescriptive Solutions	Buy Michigan (Incentives Only) (GO)	Gas	1	Units	\$0.90	38000	38000	38000	38000	0.00	0.00
CBG0404	Prescriptive	Prescriptive Solutions	Rollover Bonus (GO)	Gas	1	Units	\$0.40	8042.92	8042.92	8042.92	8042.92	0.00	0.00
CBG0410	Prescriptive	Prescriptive Solutions	Buy USA (Incentives Only) (GO)	Gas	1	Units	\$0.90	7500	7500	7500	7500	0.00	0.00
CHC0017	Prescriptive	Prescriptive Solutions	Optimal Start on Air Handling Units (EG)	Combo	20	Square Feet	\$0.27	2607249	2607249	2607249	2607249	1.22	0.01
CHE0118	Prescriptive	Prescriptive Solutions	Web Based Building Automation Systems (BAS) Air Conditioning (EO)	Electric	15	Square Feet	\$0.14	1630560	1630560	1630560	1630560	0.44	0.00
CHG0055	Prescriptive	Prescriptive Solutions	Optimal Start on Air Handling Units (GO)	Gas	20	Square Feet	\$0.14	2263057	2263057	2263057	2263057	0.00	0.00
CHG0013	Prescriptive	Prescriptive Solutions	Demand Control Ventilation for HVAC Systems (GO)	Gas	15	Square Feet	\$0.09	1437423	1437423	1437423	1437423	0.00	0.00
CHE0067	Prescriptive	Prescriptive Solutions	Optimal Start on Air Handling Units (EO)	Electric	20	Square Feet	\$0.14	1124945	1124945	1124945	1124945	1.50	0.00
CHC0074	Prescriptive	Prescriptive Solutions	Demand Control Ventilation and Occupancy Sensor Control for HVAC Systems (EG)	Combo	15	Square Feet	\$0.18	591210	591210	591210	591210	0.08	0.01
CEE0005	Prescriptive	Prescriptive Solutions	Web Based Building Automation Systems (BAS) Non-A/C Schools (EO)	Electric	9	Square Feet	\$0.14	392765	392765	392765	392765	0.75	0.00
CHE0141	Prescriptive	Prescriptive Solutions	Demand Control Ventilation and Occupancy Sensor Control for HVAC Systems (EO)	Electric	15	Square Feet	\$0.04	229807	229807	229807	229807	0.17	0.00
CHE0063	Prescriptive	Prescriptive Solutions	Occupancy Sensor Control for HVAC Systems (EO)	Electric	15	Square Feet	\$0.04	219099	219099	219099	219099	0.42	0.00
CHG0053	Prescriptive	Prescriptive Solutions	Optimized Boiler Plant Sequencing (HVAC)	Gas	15	MBH	\$0.36	403033	403033	403033	403033	0.00	0.03
CHG0059	Prescriptive	Prescriptive Solutions	Occupancy Sensor Control for HVAC Systems (GO)	Gas	15	Square Feet	\$0.04	200184	20018				

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
CHG0236	Prescriptive	Prescriptive Solutions	Demand Control Ventilation and Occupancy Sensor Control for HVAC Systems (GO)	Gas	15	Square Feet	\$0.27	148751	148751	148751	148751	0.00	0.01
CHG0116	Prescriptive	Prescriptive Solutions	Outdoor Reset Control Retrofit	Gas	15	MBH	\$0.63	68953	68953	68953	68953	0.00	0.03
CHC0018	Prescriptive	Prescriptive Solutions	Occupancy Sensor Control for HVAC Systems (EG)	Combo	15	Square Feet	\$0.07	54437	54437	54437	54437	0.45	0.00
CHG0207	Prescriptive	Prescriptive Solutions	Optimized Boiler Plant Sequencing (Process)	Gas	15	MBH	\$0.90	185000	185000	185000	185000	0.00	0.10
CSG0071	Prescriptive	Prescriptive Solutions	Modulating Burner on Makeup Air Handling Unit (Continuous Operation)	Gas	20	MBH	\$4.50	31505	31505	31505	31505	0.00	0.28
CHG0208	Prescriptive	Prescriptive Solutions	Modulating Burner Control (Process)	Gas	15	MBH	\$1.13	252000	252000	252000	252000	0.00	0.08
CSG0031	Prescriptive	Prescriptive Solutions	Enhanced Snow/Ice Melt Controls (EG)	Combo	15	Square Feet	\$0.54	16340	16340	16340	16340	0.10	0.04
CEE0006	Prescriptive	Prescriptive Solutions	Light Commercial Building Automation Systems (EO)	Electric	15	Square Feet	\$0.14	15824	15824	15824	15824	0.65	0.00
CHE0129	Prescriptive	Prescriptive Solutions	Programmable Thermostats (EO)	Electric	9	Units	\$0.01	12280	12280	12280	12280	0.05	0.00
CHG0005	Prescriptive	Prescriptive Solutions	Modulating Burner Control (HVAC)	Gas	15	Units	\$0.72	9850	9850	9850	9850	0.00	0.02
CHG0063	Prescriptive	Prescriptive Solutions	Linkageless (Parallel Positioning) Burner Control (HVAC)	Gas	5	MBH	\$0.45	8400	8400	8400	8400	0.00	0.03
CSG0072	Prescriptive	Prescriptive Solutions	Modulating Burner on Makeup Air Handling Unit (> 100 hrs/week Operation)	Gas	20	MBH	\$4.50	6324	6324	6324	6324	0.00	0.22
CHE0127	Prescriptive	Prescriptive Solutions	Smart Thermostats with Intrinsic Occupancy Sensor Control (EO)	Electric	15	Square Feet	\$0.02	6250	6250	6250	6250	0.30	0.00
CHG0210	Prescriptive	Prescriptive Solutions	Linkageless (Parallel Positioning) Burner Control (Process)	Gas	15	MBH	\$0.68	4447	4447	4447	4447	0.00	0.05
CHE0065	Prescriptive	Prescriptive Solutions	Chilled Water Reset Retrofit (10 degrees) (EO)	Electric	5	Tons	\$27.00	4414.4	4414.4	4414.4	4414.4	96.48	0.00
CHE0135	Prescriptive	Prescriptive Solutions	Optimized Chiller Plant Sequencing	Electric	15	Tons	\$3.60	2470	2470	2470	2470	38.68	0.00
CHE0066	Prescriptive	Prescriptive Solutions	Chilled Water Reset Retrofit (5 degrees) (EO)	Electric	5	Tons	\$13.50	2212	2212	2212	2212	73.18	0.00
CSG0091	Prescriptive	Prescriptive Solutions	Enhanced Snow/Ice Melt Controls (GO)	Gas	15	Square Feet	\$0.54	1996	1996	1996	1996	0.00	0.04
CHG0230	Prescriptive	Prescriptive Solutions	Programmable Thermostats (GO)	Gas	9	Units	\$0.04	900	900	900	900	0.00	0.00
CEB0007	Prescriptive	Prescriptive Solutions	Enhanced Ventilation Control - Air Conditioning and Natural Gas Heat	Combo	10	Tons	\$90.00	2139.5	2139.5	2139.5	2139.5	308.25	4.62
CSE0002	Prescriptive	Prescriptive Solutions	Hotel Guest Room Occupancy Sensor (EO) - Electric Heat	Electric	8	Units	\$72.00	1116	1116	1116	1116	849.53	0.00
CHC0072	Prescriptive	Prescriptive Solutions	Programmable Thermostats (EG)	Combo	9	Units	\$0.04	1000	1000	1000	1000	0.08	0.00
CEE0003	Prescriptive	Prescriptive Solutions	BAS for Manufacturing HVAC Fans	Electric	15	HP	\$135.00	671	671	671	671	1819.12	0.00
CHE0069	Prescriptive	Prescriptive Solutions	Critical Zone Supply Air Reset Control (EO)	Electric	15	Tons	\$22.50	574.58	574.58	574.58	574.58	295.14	0.00
CSG0073	Prescriptive	Prescriptive Solutions	Modulating Burner on Makeup Air Handling Unit (GT 50 LT 100 hrs/week Operation)	Gas	20	MBH	\$0.90	277	277	277	277	0.00	0.11
CHC0014	Prescriptive	Prescriptive Solutions	Critical Zone Supply Air Reset Control (EG)	Combo	15	Tons	\$22.50	195.8	195.8	195.8	195.8	213.12	4.04
CHE0061	Prescriptive	Prescriptive Solutions	Air Side Economizer(EO)	Electric	15	Tons	\$13.50	52.5	52.5	52.5	52.5	349.15	0.00
CHG0221	Prescriptive	Prescriptive Solutions	Hydronic HVAC Pump Control (EG)	Combo	15	HP	\$72.00	6	6	6	6	32.14	0.73
CHG0012	Prescriptive	Prescriptive Solutions	Hotel Guest Room Occupancy Sensor (GO)	Gas	8	Units	\$72.00	250	250	250	250	0.00	4.22
CHG0017	Prescriptive	Prescriptive Solutions	Oxygen Trim Burner Control (HVAC)	Gas	15	MBH	\$0.18	25000	25000	25000	25000	0.00	0.01
CHG0209	Prescriptive	Prescriptive Solutions	Oxygen Trim Burner Control (Process)	Gas	15	MBH	\$0.68	2500	2500	2500	2500	0.00	0.05
CHG0232	Prescriptive	Prescriptive Solutions	Combination Oxygen Trim and Linkageless Burner Control (HVAC)	Gas	5	MBH	\$0.60	24000	24000	24000	24000	0.00	0.01
CHG0233	Prescriptive	Prescriptive Solutions	Combination Oxygen Trim and Linkageless Burner Control (Process)	Gas	15	MBH	\$0.90	500000	500000	500000	500000	0.00	0.05
CSG0045	Prescriptive	Prescriptive Solutions	Roof Insulation R22 to R24 (GO)	Gas	30	Square Feet	\$0.02	816359	816359	816359	816359	0.00	0.00
CSG0041	Prescriptive	Prescriptive Solutions	Roof Insulation R18 to R20 (GO)	Gas	30	Square Feet	\$0.02	803394	803394	803394	803394	0.00	0.00
CSG0043	Prescriptive	Prescriptive Solutions	Roof Insulation R20 to R22 (GO)	Gas	30	Square Feet	\$0.02	803394	803394	803394	803394	0.00	0.00
CSG0040	Prescriptive	Prescriptive Solutions	Roof Insulation R18 to R20 (EG)	Combo	30	Square Feet	\$0.02	479511.8	479511.8	479511.8	479511.8	0.01	0.00
CSG0042	Prescriptive	Prescriptive Solutions	Roof Insulation R20 to R22 (EG)	Combo	30	Square Feet	\$0.02	363407.8	363407.8	363407.8	363407.8	0.01	0.00
CSG0044	Prescriptive	Prescriptive Solutions	Roof Insulation R22 to R24 (EG)	Combo	30	Square Feet	\$0.02	356114.8	356114.8	356114.8	356114.8	0.01	0.00
CSG0036	Prescriptive	Prescriptive Solutions	Roof Insulation R14 to R18 (EG)	Combo	30	Square Feet	\$0.07	327361	327361	327361	327361	0.03	0.00
CSG0033	Prescriptive	Prescriptive Solutions	Roof Insulation R10 to R18 (GO)	Gas	30	Square Feet	\$0.14	322509	322509	322509	322509	0.00	0.01
CSG0037	Prescriptive	Prescriptive Solutions	Roof Insulation R14 to R18 (GO)	Gas	30	Square Feet	\$0.07	268443	268443	268443	268443	0.00	0.00
CSG0039	Prescriptive	Prescriptive Solutions	Roof Insulation R16 to R18 (GO)	Gas	30	Square Feet	\$0.02	208207	208207	208207	208207	0.00	0.00
CSG0032	Prescriptive	Prescriptive Solutions	Roof Insulation R10 to R18 (EG)	Combo	30	Square Feet	\$0.14	114210.8	114210.8	114210.8	114210.8	0.04	0.01
CSG0038	Prescriptive	Prescriptive Solutions	Roof Insulation R16 to R18 (EG)	Combo	30	Square Feet	\$0.02	59560	59560	59560	59560	0.02	0.00
CSE0132	Prescriptive	Prescriptive Solutions	High Performance Window Glazing (EO)	Electric	20	Square Feet	\$0.23	59261.66	59261.66	59261.66	59261.66	2.81	0.00
CSG0034	Prescriptive	Prescriptive Solutions	Roof Insulation R12 to R18 (EG)	Combo	30	Square Feet	\$0.11	37100	37100	37100	37100	0.03	0.01
CSG0006	Prescriptive	Prescriptive Solutions	Wall Insulation (GO)	Gas	30	Square Feet	\$0.54	37025	37025	37025	37025	0.00	0.04
CSE0100	Prescriptive	Prescriptive Solutions	High-Efficiency Window Film (EO)	Electric	10	Square Feet	\$0.36	5843.22	5843.22	5843.22	5843.22	0.35	0.00
CSC0106	Prescriptive	Prescriptive Solutions	Wall Insulation (EG)	Combo	30	Square Feet	\$0.54	2080	2080	2080	2080	0.16	0.44
CSC0039	Prescriptive	Prescriptive Solutions	Attic Roof Insulation (EG)	Combo	30	Square Feet	\$0.27	1500	1500	1500	1500	0.36	0.03
CBG0002	Prescriptive	Prescriptive Solutions	Automatic High-Speed Doors for Building Exterior	Gas	12	Square Feet	\$0.45	1183	1183	1183	1183	0.00	0.09
CSG0012	Prescriptive	Prescriptive Solutions	Attic Roof Insulation (GO)	Gas	30	Square Feet	\$0.27	1500	1500	1500	1500	0.00	0.01
CSG0035	Prescriptive	Prescriptive Solutions	Roof Insulation R12 to R18 (GO)	Gas	30	Square Feet	\$0.11	40000	40000	40000	40000	0.00	0.00
CBG0002	Prescriptive	Prescriptive Solutions	Window Reduction (GO)	Gas	30	Square Feet	\$0.68	2500	25000	25000	25000	0.00	0.08
CWG0029	Prescriptive	Prescriptive Solutions	High-Efficiency Domestic Water Heating Boilers (at least 94% Thermal Efficiency)	Gas	13	MBH	\$1.35	2000	20000	20000	20000	0.00	0.14
CWG0006	Prescriptive	Prescriptive Solutions	Clothes Washer, Natural Gas Water Heater (GO)	Gas	7	Units	\$18.00	2	2	2	2	0.00	4.52
CAE0087	Prescriptive	Prescriptive Solutions	Air Compressor Outdoor Air Intake (GT 50 HP System)	Electric	20	HP	\$13.06	292.5	292.5	292.5	292.5	90.91	0.00
CAG0006	Prescriptive	Prescriptive Solutions	Air Compressor Waste Heat Recovery (Gas Only)	Gas	15	HP	\$45.00	1495	1495	1495	1495	0.00	3.65
CAE0017	Prescriptive	Prescriptive Solutions	Compressed Air Dryer, Dewpoint Sensor Control	Electric	15	HP	\$7.20	4678.7	4678.7	4678.7	4678.7	54.84	0.00
CAE0009	Prescriptive	Prescriptive Solutions	Compressed Air Pressure-Flow Controller	Electric	10	HP	\$9.00	650	650	650	650	61.22	0.00
CAE0065	Prescriptive	Prescriptive Solutions	Compressed Air Storage Tank (GT90psig) (Increase from LT 1 gal/CFM to GT 3 gal/CFM)	Electric	25	HP	\$63.00	2333.5	2333.5	2333.5	2333.5	548.72	0.00
CAE0003	Prescriptive	Prescriptive Solutions	Compressed Air Storage Tank (GT90psig) (Increase from LT 3 gal/CFM to GT 5 gal/CFM)	Electric	25	HP	\$45.00	747.5	747.5	747.5	747.5	274.90	0.00
CAE0066	Prescriptive	Prescriptive Solutions	Compressed Air Storage Tank (GT90psig) (Increase from LT 5 gal/CFM to GT 10 gal/CFM)	Electric	25	HP	\$27.00	130	130	130	130	261.48	0.00
CAE0005	Prescriptive	Prescriptive Solutions	Compressed Air Zero-Loss Condensate Drain, Electronic Sensor Style	Electric	5	Units	\$270.00	39	39	39	39	1736.32	0.00
CAE0031	Prescriptive	Prescriptive Solutions	Compressed Air Zero-Loss Condensate Drain, Mechanical Float Style	Electric	5	Units	\$270.00	24.7	24.7	24.7	24.7	1736.32	0.00
CAE0081	Prescriptive	Prescriptive Solutions	DI Compressed Air Nozzles, 1,000 hrs, 1/2" Dia.	Electric	15	Units	\$1,804.20	13	13	13	13	9461.22	0.00
CAE0073	Prescriptive	Prescriptive Solutions	DI Compressed Air Nozzles, 1,000 hrs, 3/4" Dia.	Electric	15	Units	\$451.00	58.5	58.5	58.5	58.5	2365.04	0.00
CAE0077	Prescriptive	Prescriptive Solutions	DI Compressed Air Nozzles, 1,000 hrs, 3/8" Dia.	Electric	15	Units	\$1,014.80	13	13	13	13	5321.61	0.00
CAE0074	Prescriptive	Prescriptive Solutions	DI Compressed Air Nozzles, 2,000 hrs, 1/4" Dia.	Electric	15	Units	\$902.10	107.9	107.9	107.9	107.9	4730.61	0.00
CAE0070	Prescriptive	Prescriptive Solutions	DI Compressed Air Nozzles, 2,000 hrs, 1/8" Dia.	Electric	15	Units	\$225.50	23.4	23.4	23.4	23.4	1182.52	0.00
CAE0075	Prescriptive	Prescriptive Solutions	DI Compressed Air Nozzles, 3,000 hrs, 1/4" Dia.	Electric	15	Units	\$1,353.10	260	260	260	260	7095.66	0.00
CAE0071	Prescriptive	Prescriptive Solutions	DI Compressed Air Nozzles, 3,000 hrs, 1/8" Dia.	Electric	15	Units	\$338.30	10.4	10.4	10.4	10.4	1774.05	0.00
CAE0079	Prescriptive	Prescriptive Solutions	DI Compressed Air Nozzles, 3,000 hrs, 3/8" Dia.	Electric	15	Units	\$3,044.50	7.8	7.8	7.8	7.8	15965.36	0.00
CAE0084	Prescriptive	Prescriptive Solutions	DI Compressed Air Nozzles, 4,000+ hrs, 1/2" Dia.	Electric	15	Units	\$7,216.70	2.6	2.6	2.6	2.6	37844.37	0.00
CAE0076	Prescriptive	Prescriptive Solutions	DI Compressed Air Nozzles, 4,000+ hrs, 1/4" Dia.	Electric	15	Units	\$1,804.20	67.4	67.4	67.4	67.4	9461.22	0.00
CAE0072	Prescriptive	Prescriptive Solutions	DI Compressed Air Nozzles, 4,000+ hrs, 1/8" Dia.	Electric	15	Units	\$451.00	42.9	42.9	42.9	42.9	2365.04	0.00
CAE0080	Prescriptive	Prescriptive Solutions	DI Compressed Air Nozzles, 4,000+ hrs, 3/8" Dia.	Electric	15	Units	\$4,059.40	126.1	126.1	126.1	126.1	21287.49	0.00
CAE0106	Prescriptive	Prescriptive Solutions	Handheld DI Nozzle - 1/2" Nozzle, 800 Hours	Electric	10	Units	\$1,443.33	10.4	10.4	10.4	10.4	7568.82	0.00
CAE0095	Prescriptive	Prescriptive Solutions	Handheld DI Nozzle - 1/4" Nozzle, 500 Hours	Electric	10	Units	\$225.52	1943.5	1943.5	1943.5	1943.5	1182.63	0.00

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
CAE0096	Prescriptive	Prescriptive Solutions	Handheld DI Nozzle - 1/4" Nozzle, 600 Hours	Electric	10	Units	\$270.62	529.1	529.1	529.1	529.1	1419.15	0.00
CAE0097	Prescriptive	Prescriptive Solutions	Handheld DI Nozzle - 1/4" Nozzle, 700 Hours	Electric	10	Units	\$315.73	344.5	344.5	344.5	344.5	1655.68	0.00
CAE0098	Prescriptive	Prescriptive Solutions	Handheld DI Nozzle - 1/4" Nozzle, 800 Hours	Electric	10	Units	\$360.83	270.4	270.4	270.4	270.4	1892.21	0.00
CAE0092	Prescriptive	Prescriptive Solutions	Handheld DI Nozzle - 1/8" Nozzle, 600 Hours	Electric	10	Units	\$67.66	2.6	2.6	2.6	2.6	354.79	0.00
CAE0099	Prescriptive	Prescriptive Solutions	Handheld DI Nozzle - 3/8" Nozzle, 500 Hours	Electric	10	Units	\$507.42	119.6	119.6	119.6	119.6	2660.92	0.00
CAE0101	Prescriptive	Prescriptive Solutions	Handheld DI Nozzle - 3/8" Nozzle, 700 Hours	Electric	10	Units	\$710.39	15.6	15.6	15.6	15.6	3725.28	0.00
CAE0036	Prescriptive	Prescriptive Solutions	Low Pressure Air Blower System Replacing Compressed Air Blow-Off Application (> 80 psig)	Electric	15	HP	\$405.00	19.5	19.5	19.5	19.5	4626.62	0.00
CAE0004	Prescriptive	Prescriptive Solutions	Low Pressure Drop Compressed Air Filter	Electric	10	HP	\$6.75	7020	7020	7020	7020	53.57	0.00
CAE0035	Prescriptive	Prescriptive Solutions	Pneumatic Hand Tools replaced with Corded Electric Hand Tools	Electric	15	Units	\$90.00	2.6	2.6	2.6	2.6	1180.73	0.00
CAE0040	Prescriptive	Prescriptive Solutions	Pneumatic Hand Tools replaced with Cordless Electric Hand Tools	Electric	10	Units	\$63.00	236.6	236.6	236.6	236.6	600.30	0.00
CME0051	Prescriptive	Prescriptive Solutions	Pneumatic Motors replaced with Electric Motors	Electric	10	HP	\$90.00	6.5	6.5	6.5	6.5	1101.62	0.00
CAE0011	Prescriptive	Prescriptive Solutions	Refrigerated Cycling Digital Scroll Compressed Air Dryer	Electric	10	CFM	\$2.70	23907	23907	23907	23907	13.38	0.00
CAE0002	Prescriptive	Prescriptive Solutions	Refrigerated Cycling Thermal Mass Compressed Air Dryer	Electric	10	CFM	\$0.90	37687	37687	37687	37687	4.34	0.00
CAE0012	Prescriptive	Prescriptive Solutions	Refrigerated Cycling Variable Speed Drive Compressed Air Dryer	Electric	10	CFM	\$3.15	8292.7	8292.7	8292.7	8292.7	14.10	0.00
CAE0037	Prescriptive	Prescriptive Solutions	Refrigerated Non-Cycling Air Dryer replacing Desiccant Air Dryer (GT 50 HP System)	Electric	10	CFM	\$3.60	292.5	292.5	292.5	292.5	44.22	0.00
CAE0032	Prescriptive	Prescriptive Solutions	Two-Stage Rotary Screw Air Compressor (VSD/VD/LNL Type) (GT 50 HP)	Electric	15	HP	\$18.00	1628.9	1628.9	1628.9	1628.9	223.06	0.00
CAE0015	Prescriptive	Prescriptive Solutions	Variable Displacement (VD) Air Compressor (GT 50 HP) (Single Air Compressor Systems)	Electric	13	HP	\$31.50	260	260	260	260	365.98	0.00
CAE0042	Prescriptive	Prescriptive Solutions	VSD Air Compressor (50 HP to 500 HP)(Multiple Air Compressor System)(>=4,000)	Electric	15	HP	\$135.00	1020.5	1020.5	1020.5	1020.5	898.38	0.00
CAE0039	Prescriptive	Prescriptive Solutions	VSD Air Compressor (50 HP to 500 HP)(Multiple Air Compressor System)(>=7,200)	Electric	15	HP	\$180.00	2893.8	2893.8	2893.8	2893.8	1266.01	0.00
CAE0001	Prescriptive	Prescriptive Solutions	VSD Air Compressor (50 HP to 500 HP)(Single Air Compressor System)(>=4,000 h)	Electric	15	HP	\$153.00	1868.1	1868.1	1868.1	1868.1	1150.92	0.00
CAE0041	Prescriptive	Prescriptive Solutions	VSD Air Compressor (50 HP to 500 HP)(Single Air Compressor System)(>=2,000 hr)	Electric	15	HP	\$90.00	754	754	754	754	737.75	0.00
CAE0088	Prescriptive	Prescriptive Solutions	VSD Air Compressor (Less than 50 HP) 1-Shift	Electric	15	HP	\$45.00	201.5	201.5	201.5	201.5	294.77	0.00
CAE0090	Prescriptive	Prescriptive Solutions	VSD Air Compressor (Less than 50 HP) 24/7 Operation	Electric	15	HP	\$180.00	123.5	123.5	123.5	123.5	1178.24	0.00
CAE0089	Prescriptive	Prescriptive Solutions	VSD Air Compressor (Less than 50 HP) 2-Shift	Electric	15	HP	\$90.00	247	247	247	247	589.54	0.00
CAE0029	Prescriptive	Prescriptive Solutions	VSD Air Compressor (Less than 50 HP) 3-Shift	Electric	15	HP	\$135.00	221	221	221	221	883.94	0.00
CHC0010	Prescriptive	Prescriptive Solutions	Ground-Loop Heat Pump	Electric	15	Tons	\$27.00	2	2	2	2	251.81	0.00
CHG0016	Prescriptive	Prescriptive Solutions	HVAC Boiler at least 90% Efficiency - Level 2	Gas	20	MBH	\$1.80	307818	307818	307818	307818	0.00	0.10
CHG0216	Prescriptive	Prescriptive Solutions	Destratification Fans (Temperature Gradient Greater than 15°F) (GO)	Gas	15	Square Feet	\$0.18	251982	251982	251982	251982	0.00	0.01
CHG0211	Prescriptive	Prescriptive Solutions	Direct Fired Makeup Air Handling Units	Gas	15	MBH	\$1.35	122548	122548	122548	122548	0.00	0.16
CHC0082	Prescriptive	Prescriptive Solutions	Infrared Heaters (EG)	Combo	15	MBH	\$8.10	28350	28350	28350	28350	97.83	0.30
CHG0010	Prescriptive	Prescriptive Solutions	Infrared Heaters (GO)	Gas	15	MBH	\$4.50	34520	34520	34520	34520	0.00	0.30
CHG0212	Prescriptive	Prescriptive Solutions	HVAC Steam Boilers (At least 82% efficient)	Gas	20	MBH	\$1.80	65464	65464	65464	65464	0.00	0.10
CHG0060	Prescriptive	Prescriptive Solutions	Process Boilers (Steam) (At least 82% efficient)	Gas	20	MBH	\$1.13	46493	46493	46493	46493	0.00	0.07
CWG0007	Prescriptive	Prescriptive Solutions	High Efficiency Pool Water Heater (At least 84% efficient)	Gas	15	mBtu	\$1.80	5000	5000	5000	5000	0.00	0.22
CHG0026	Prescriptive	Prescriptive Solutions	Process Hydronic (Water) Boilers (At least 82% efficient)	Gas	20	MBH	\$1.08	6500	6500	6500	6500	0.00	0.11
CHC0187	Prescriptive	Prescriptive Solutions	Water Cooled Centrifugal Chillers >= 600 ton - PATH B	Electric	20	Tons	\$9.00	3700	3700	3700	3700	53.43	0.00
CHG0279	Prescriptive	Prescriptive Solutions	High Efficiency Furnace d120 MBH 95% AFUE (EOY Incentive)	Gas	15	Units	\$3.66	3586	3586	3586	3586	0.00	0.17
CHC0159	Prescriptive	Prescriptive Solutions	Air-Cooled Chillers >= 150 ton - PATH B	Electric	20	Tons	\$6.30	3553.7	3553.7	3553.7	3553.7	164.10	0.00
CHC0217	Prescriptive	Prescriptive Solutions	High-Efficiency Data Center, Telecom, and Computer Room Air Conditioning - Air Cooled - Class 2	Electric	15	MBH	\$18.00	3425.2	3425.2	3425.2	3425.2	43.16	0.00
CHG0282	Prescriptive	Prescriptive Solutions	High Efficiency Furnace or Unit Heater (At least 92% efficient)	Gas	15	MBH	\$3.59	3130	3130	3130	3130	0.00	0.15
CHC0185	Prescriptive	Prescriptive Solutions	Water Cooled Centrifugal Chillers >=400 ton and < 600 ton - PATH B	Electric	20	Tons	\$9.00	2900	2900	2900	2900	60.05	0.00
CHC0003	Prescriptive	Prescriptive Solutions	Split AC Units / >= 240,000 Btuh (20 Tons) and < 760,000 Btuh (63 Tons)	Electric	15	Tons	\$27.00	2522.13	2522.13	2522.13	2522.13	41.94	0.00
CHC0186	Prescriptive	Prescriptive Solutions	Water Cooled Centrifugal Chillers >= 600 ton - PATH A	Electric	20	Tons	\$9.00	2500	2500	2500	2500	105.77	0.00
CHC0230	Prescriptive	Prescriptive Solutions	Data Room Hot/Cold Aisle Configuration - Air Cooled - Class 2 (>=10°F increase)	Electric	15	MBH	\$18.00	2492	2492	2492	2492	75.80	0.00
CHC0228	Prescriptive	Prescriptive Solutions	Data Room Hot/Cold Aisle Configuration - Glycol Cooled - Class 2 (>=5°F increase)	Electric	15	MBH	\$9.00	2160	2160	2160	2160	45.31	0.00
CHC0157	Prescriptive	Prescriptive Solutions	Air-Cooled Chillers < 150 ton - PATH B	Electric	20	Tons	\$6.30	1712	1712	1712	1712	78.81	0.00
CHC0158	Prescriptive	Prescriptive Solutions	Air-Cooled Chillers >= 150 ton - PATH A	Electric	20	Tons	\$6.30	1451.6	1451.6	1451.6	1451.6	5.43	0.00
CHC0001	Prescriptive	Prescriptive Solutions	Split AC Units / < 65,000 Btuh (5.4 Tons)	Electric	15	Tons	\$27.00	1250.67	1250.67	1250.67	1250.67	309.88	0.00
CHC0208	Prescriptive	Prescriptive Solutions	Split AC Units / >= 65,000 Btuh (5.4 Tons) and < 135,000 Btuh (11.25 Tons)	Electric	15	Tons	\$36.00	1049.05	1049.05	1049.05	1049.05	81.10	0.00
CHC0029	Prescriptive	Prescriptive Solutions	Split AC Units / >= 135,000 Btuh (11.25 Tons) and < 240,000 Btuh (20 Tons)	Electric	15	Tons	\$36.00	1021.54	1021.54	1021.54	1021.54	43.65	0.00
CHC0156	Prescriptive	Prescriptive Solutions	Air-Cooled Chillers < 150 ton - PATH A	Electric	20	Tons	\$6.30	778.1	778.1	778.1	778.1	140.57	0.00
CHC0183	Prescriptive	Prescriptive Solutions	Water Cooled Centrifugal Chillers >=300 ton and <400 ton - PATH B	Electric	20	Tons	\$9.00	700	700	700	700	58.29	0.00
CHC0173	Prescriptive	Prescriptive Solutions	Water Cooled Positive Displacement (Screw) Chillers >= 150 ton and < 300 ton - PATH B	Electric	20	Tons	\$9.00	623	623	623	623	8.47	0.00
CHC0181	Prescriptive	Prescriptive Solutions	Water Cooled Centrifugal Chillers >=150 ton and <300 ton - PATH B	Electric	20	Tons	\$9.00	510	510	510	510	46.42	0.00
CHC0174	Prescriptive	Prescriptive Solutions	Water Cooled Positive Displacement (Screw) Chillers >=300 and < 600 ton - PATH A	Electric	20	Tons	\$9.00	426	426	426	426	45.90	0.00
CHC0220	Prescriptive	Prescriptive Solutions	High-Efficiency Data Center, Telecom, and Computer Room Air Conditioning - Air Cooled - Class 3	Electric	15	MBH	\$18.00	384	384	384	384	42.66	0.00
CHG0278	Prescriptive	Prescriptive Solutions	High Efficiency Furnace or Unit Heater (At least 95% efficient)	Gas	15	MBH	\$7.12	340	340	340	340	0.00	0.20
CHC0170	Prescriptive	Prescriptive Solutions	Water Cooled Positive Displacement (Screw) Chillers >=75 and < 150 ton - PATH A	Electric	20	Tons	\$9.00	279.2	279.2	279.2	279.2	159.02	0.00
CHG0280	Prescriptive	Prescriptive Solutions	High Efficiency Furnace >120 MBH, 95% AFUE	Gas	15	Units	\$1.95	132	132	132	132	0.00	0.18
CSE0098	Prescriptive	Prescriptive Solutions	High Volume, Low Speed Fans (EO)	Electric	10	Units	\$360.00	74	74	74	74	5445.63	0.00
CHG0276	Prescriptive	Prescriptive Solutions	High Efficiency Furnace d120 MBH 92% AFUE (EOY Incentive)	Gas	15	Units	\$3.38	32	32	32	32	0.00	10.19
CHG0286	Prescriptive	Prescriptive Solutions	High-Efficiency Tankless Water Heater Natural Gas, > 0.87 UEF	Gas	20	Units	\$135.00	24	24	24	24	0.00	7.02
CHG0014	Prescriptive	Prescriptive Solutions	HVAC Boiler 88% to 89.9% Efficiency - Level 1	Gas	20	MBH	\$1.35	2000	2000	2000	2000	0.00	0.09
CSE0003	Prescriptive	Prescriptive Solutions	Energy Efficient Ice Machine < 500 lb	Electric	8.5	Units	\$90.00	3	3	3	3	324.58	0.00
CSE0004	Prescriptive	Prescriptive Solutions	Energy Efficient Ice Machine 500 lb to 1,000 lb	Electric	8.5	Units	\$225.00	2	2	2	2	577.94	0.00
CSE0006	Prescriptive	Prescriptive Solutions	Reduced/Optimized Air Changes per hour (ACH) (EG)	Combo	15	CFM	\$2.48	2943	2943	2943	2943	8.13	0.21
CSE0017	Prescriptive	Prescriptive Solutions	Lighting Power Density (Interior)	Electric	15	Watts Removed	\$0.27	3754157	3754157	3754157	3754157	2.21	0.00
CLE0104	Prescriptive	Prescriptive Solutions	Interior LED Lighting (High Bay => 15 ft)	Electric	16	Watts Removed	\$0.36	2663239	2663239	2663239	2663239	3.44	0.00
CLE0105	Prescriptive	Prescriptive Solutions	Exterior LED Lighting	Electric	16	Watts Removed	\$0.59	2593419	2593419	2593419	2593419	3.58	0.00
CLE0107	Prescriptive	Prescriptive Solutions	Interior LED Lighting (Low Bay < 15 ft)	Electric	18	Watts Removed	\$0.32	1810714	1810714	1810714	1810714	2.21	0.00
CLE0108	Prescriptive	Prescriptive Solutions	Interior LED Lighting (High Bay =>15-Foot) Continuous Operation	Electric	6	Watts Removed	\$0.90	1020714	1020714	1020714	1020714	6.62	0.00
CSE0049	Prescriptive	Prescriptive Solutions	Lighting Power Density (Exterior)	Electric	12	Watts Removed	\$0.41	945519	945519	945519	945519	3.58	0.00
CLE0110	Prescriptive	Prescriptive Solutions	Interior LED Lighting (Low Bay < 15 ft) Continuous Operation	Electric	6	Watts Removed	\$0.90	381428	381428	381428	381428	6.62	0.00
CLE0103	Prescriptive	Prescriptive Solutions	LED Screw-in Replacing HID	Electric	12	Watts Removed	\$0.23	114349	114349	114349	114349	3.44	0.00
CLE0102	Prescriptive	Prescriptive Solutions	New Linear LED Tube Fixture (High Bay => 15 ft)	Electric	16	Watts Removed	\$0.50	91038	91038	91038	91038	3.44	0.00
CLE0059	Prescriptive	Prescriptive Solutions	4-Foot T8 to One (1) 4-Foot LED Tube Light (Low Bay < 15 ft)	Electric	18	Units	\$2.70	58519	58519	58519	58519	40.93	0.00
CSE0067	Prescriptive	Prescriptive Solutions	Lighting Power Density (Parking Garage)	Electric	12	Watts Removed	\$0.72	21455	21455	21455	21455	7.25	0.00
CPE0009	Prescriptive	Prescriptive Solutions	Signage and Canopy Decorative/Security LED Lighting (Commercial Hours)	Electric	13	Watts Removed	\$0.23	17035	17035	17035	17035	2.21	0.00
CPE0006	Prescriptive	Prescriptive Solutions	Signage and Canopy Decorative/Security LED Lighting (Continuous Operation)	Electric	6	Watts Removed	\$0.45	14134	14134	14134	14134	7.25	0.00
CLE0058	Prescriptive	Prescriptive Solutions	4-Foot T12 to One (1) 4-Foot LED Tube Light	Electric	18	Units	\$4.50	13683	13683	13683	13683	55.29	0.00

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
CLE0109	Prescriptive	Prescriptive Solutions	New Linear LED Tube Fixture (High Bay => 15 Ft.) (Continuous Operation)	Electric		6 Watts Removed	\$0.90	11607	11607	11607	11607	7.25	0.00
CLE0087	Prescriptive	Prescriptive Solutions	4-Foot T8 to One (1) 4-Foot LED Tube Light (High Bay >= 15 Ft)	Electric		18 Units	\$3.60	8860	8860	8860	8860	40.93	0.00
CLE0106	Prescriptive	Prescriptive Solutions	New Linear LED Tube Fixture (Low Bay < 15 Ft)	Electric		18 Watts Removed	\$0.27	8492	8492	8492	8492	2.21	0.00
CLE0072	Prescriptive	Prescriptive Solutions	Parking Garage LED Lighting	Electric		16 Watts Removed	\$0.54	8145	8145	8145	8145	7.25	0.00
CLE0111	Prescriptive	Prescriptive Solutions	LED Screw-In Lamp Replacing HID Lamp (>= 8000 hrs)	Electric		6 Watts Removed	\$0.36	6100	6100	6100	6100	6.62	0.00
CLE0030	Prescriptive	Prescriptive Solutions	T8 or T12 4-Foot Lamp Removal (Combined with LED Tube Light Retrofit)	Electric		15 Lamps Removed	\$4.50	5889	5889	5889	5889	59.16	0.00
CLE0057	Prescriptive	Prescriptive Solutions	2-Foot T8 to 2-Foot LED Tube Light	Electric		18 Units	\$0.90	4482	4482	4482	4482	18.52	0.00
CLE0088	Prescriptive	Prescriptive Solutions	4-Foot T5 to One (1) 4-Foot LED Tube Light (High Bay >= 15 ft)	Electric		18 Units	\$3.60	2491	2491	2491	2491	40.11	0.00
CLE0083	Prescriptive	Prescriptive Solutions	4-Foot T5 to One (1) 4-Foot LED Tube Light (Low Bay < 15 ft)	Electric		18 Units	\$2.70	1869	1869	1869	1869	40.11	0.00
CLE0100	Prescriptive	Prescriptive Solutions	3-Foot T8 to 3-Foot LED Tube Light	Electric		18 Lamps Removed	\$1.80	1090	1090	1090	1090	39.55	0.00
CLE0056	Prescriptive	Prescriptive Solutions	2-Foot T12 to 2-Foot LED Tube Light	Electric		18 Units	\$2.25	932	932	932	932	33.99	0.00
CLE0097	Prescriptive	Prescriptive Solutions	8-Foot T12 to One (1) 8-Foot LED Tube Light	Electric		18 Lamps Removed	\$9.00	851	851	851	851	74.16	0.00
CLE0062	Prescriptive	Prescriptive Solutions	8-Foot T8 to Two (2) 4-Foot LED Tube Light	Electric		18 Units	\$6.30	590	590	590	590	73.02	0.00
CLE0098	Prescriptive	Prescriptive Solutions	8-Foot T8 to One (1) 8-Foot LED Tube Light	Electric		18 Lamps Removed	\$6.30	550	550	550	550	43.55	0.00
CLE0031	Prescriptive	Prescriptive Solutions	T8 or T12 8-Foot Lamp Removal (Combined with LED Tube Light Retrofit)	Electric		15 Lamps Removed	\$10.80	443	443	443	443	101.47	0.00
CLE0060	Prescriptive	Prescriptive Solutions	8-Foot T12 to Two (2) 4-Foot LED Tube Light	Electric		18 Units	\$9.00	329	329	329	329	103.62	0.00
CLE0082	Prescriptive	Prescriptive Solutions	T8 or T12 2-Foot or 3-Foot Lamp Removal (Combined with LED Tube Light Retrofit)	Electric		15 Lamps Removed	\$1.35	168	168	168	168	44.61	0.00
CLE0099	Prescriptive	Prescriptive Solutions	3-Foot T12 to 3-Foot LED Tube Light	Electric		18 Lamps Removed	\$3.15	3	3	3	3	60.55	0.00
CSE0112	Prescriptive	Prescriptive Solutions	Interior Lighting Daylight Sensor Controls	Electric		12 Watts Controlled	\$0.08	7015452	7015452	7015452	7015452	0.66	0.00
CLE0017	Prescriptive	Prescriptive Solutions	Interior Lighting Occupancy Sensors (Watts Controlled)	Electric		10 Watts Controlled	\$0.07	592606	592606	592606	592606	0.66	0.00
CLE0033	Prescriptive	Prescriptive Solutions	Interior Central Lighting Controls	Electric		12 Square Feet	\$0.05	85680	85680	85680	85680	0.69	0.00
CLE0095	Prescriptive	Prescriptive Solutions	Exterior Lighting Occupancy Sensors	Electric		10 Watts Controlled	\$0.23	45890	45890	45890	45890	2.86	0.00
CLE0050	Prescriptive	Prescriptive Solutions	Exterior Multi-Step Dimming Occupancy Sensor	Electric		8 Watts Controlled	\$0.14	19462	19462	19462	19462	2.00	0.00
CSE0172	Prescriptive	Prescriptive Solutions	Interior Lighting Occupancy Sensors (>= 150 and <= 500 Sq. Ft.)	Electric		10 Units	\$31.50	14548	14548	14548	14548	238.41	0.00
CSE0171	Prescriptive	Prescriptive Solutions	Interior Lighting Occupancy Sensors (< 150 Sq. Ft.)	Electric		10 Units	\$10.80	7284	7284	7284	7284	79.47	0.00
CSE0173	Prescriptive	Prescriptive Solutions	Interior Lighting Occupancy Sensors (> 500 Sq. Ft.)	Electric		10 Units	\$76.50	1196	1196	1196	1196	596.02	0.00
CLE0065	Prescriptive	Prescriptive Solutions	Interior Stairwell Lighting Controls	Electric		9 Watts Controlled	\$0.36	204	204	204	204	3.98	0.00
CRG0008	Prescriptive	Prescriptive Solutions	Process Heating Ventilation Reduction (GO)	Gas		15 CFM	\$1.35	678938	678938	678938	678938	0.00	0.17
CSG0076	Prescriptive	Prescriptive Solutions	2 Shift RTO (Re recuperative/Regenerative Thermal Oxidizers) New Construction	Gas		20 CFM	\$18.00	27000	27000	27000	27000	0.00	1.23
CSE0130	Prescriptive	Prescriptive Solutions	High Efficiency Injection Molding Machines - Hybrid	Electric		20 Tons	\$22.50	19334	19334	19334	19334	173.05	0.00
CME0075	Prescriptive	Prescriptive Solutions	VSD Injection Mold Machines VSD or Servo Hydraulic GT 600 LT 1,000 lb./yr./ton	Electric		20 Tons	\$13.50	11185	11185	11185	11185	68.68	0.00
CSE0129	Prescriptive	Prescriptive Solutions	High Efficiency Injection Molding Machines - All-Electric	Electric		20 Tons	\$22.50	10954.3	10954.3	10954.3	10954.3	196.24	0.00
CME0072	Prescriptive	Prescriptive Solutions	VSD Injection Mold Machines VSD or Servo Hydraulic GT 1,000 lb./yr./ton	Electric		20 Tons	\$16.20	6355	6355	6355	6355	114.47	0.00
CSE0113	Prescriptive	Prescriptive Solutions	Barrel Wraps - Injection Molding and Extruders	Electric		5 Square Feet	\$90.00	10000	10000	10000	10000	1001.88	0.00
CSE0190	Prescriptive	Prescriptive Solutions	VSD Injection Mold Machines VSD or Servo Hydraulic GT 400 LT 600 lb./yr./ton	Electric		20 Tons	\$6.75	450	450	450	450	45.79	0.00
CSE0045	Prescriptive	Prescriptive Solutions	Smart Battery Charging Stations - Continuous	Electric		20 Units	\$540.00	186	186	186	186	3012.26	0.00
CSE0133	Prescriptive	Prescriptive Solutions	GT 4,000 hr./yr. Fiber Laser Cutting, Replacing GT Three-Shift CO2 Laser Cutting	Electric		20 Units	\$3,600.00	135	135	135	135	26961.34	0.00
CSE0189	Prescriptive	Prescriptive Solutions	GT 2,500 hr./yr. Fiber Laser Cutting, Replacing GT Two-Shift CO2 Laser Cutting	Electric		20 Units	\$2,250.00	34.45	34.45	34.45	34.45	17974.22	0.00
CSE0161	Prescriptive	Prescriptive Solutions	Inverter Welding Machine	Electric		15 Units	\$450.00	20	20	20	20	1244.48	0.00
CSE0047	Prescriptive	Prescriptive Solutions	Smart Battery Charging Stations - 2 Shift/Day	Electric		20 Units	\$360.00	10	10	10	10	2225.66	0.00
CSE0046	Prescriptive	Prescriptive Solutions	Smart Battery Charging Stations - 1 Shift/Day	Electric		20 Units	\$180.00	1	1	1	1	1208.88	0.00
CSG0077	Prescriptive	Prescriptive Solutions	3 Shift RTO (Re recuperative/Regenerative Thermal Oxidizers) New Construction	Gas		20 CFM	\$22.50	7500	7500	7500	7500	0.00	1.62
CME0030	Prescriptive	Prescriptive Solutions	Cogged V-Belt Drives (26-hp to 500-hp)	Electric		5 HP	\$2.25	18344	18344	18344	18344	54.15	0.00
CME0029	Prescriptive	Prescriptive Solutions	Cogged V-Belt Drives (1-hp to 25-hp)	Electric		5 HP	\$4.50	5290	5290	5290	5290	59.62	0.00
CSE0131	Prescriptive	Prescriptive Solutions	High-Efficiency Hand Dryer	Electric		10 Units	\$90.00	18	18	18	18	799.02	0.00
CSE0001	Prescriptive	Prescriptive Solutions	Beverage Vending Machine Controllers	Electric		10 Units	\$58.50	3	3	3	3	662.40	0.00
CSE0178	Prescriptive	Prescriptive Solutions	Snack Vending Machine Miser	Electric		5 Units	\$22.50	1	1	1	1	283.59	0.00
CSE0094	Prescriptive	Prescriptive Solutions	Interior Occupancy Sensor & Daylight Sensor Controls	Electric		10 Watts Controlled	\$0.11	9279	9279	9279	9279	0.84	0.00
CSC0042	Prescriptive	Prescriptive Solutions	BOC (Combo)	Combo		5 Units	\$990.00	8	8	8	8	19486.57	138.33
CSE0090	Prescriptive	Prescriptive Solutions	BOC (Electric)	Electric		5 Units	\$675.00	7	7	7	7	19486.57	0.00
CSG0027	Prescriptive	Prescriptive Solutions	BOC (Gas)	Gas		5 Units	\$675.00	4	4	4	4	0.00	138.33
CHG0215	Prescriptive	Prescriptive Solutions	Steam Space Heating Condensate Piping (Conditioned or Unconditioned Space)	Gas		20 Linear Feet	\$2.70	1000	1000	1000	1000	0.00	0.44
CWG0013	Prescriptive	Prescriptive Solutions	Steam Space Heating Supply Piping (Unconditioned Space)	Gas		20 Linear Feet	\$5.40	1000	1000	1000	1000	0.00	1.33
CWG0001	Prescriptive	Prescriptive Solutions	Hydronic Space Heating Piping (Unconditioned Space)	Gas		20 Linear Feet	\$3.60	375	375	375	375	0.00	0.35
CWG0023	Prescriptive	Prescriptive Solutions	Domestic Hot Water Piping - Unconditioned Space	Gas		20 Linear Feet	\$1.80	309	309	309	309	0.00	0.22
CSG0066	Prescriptive	Prescriptive Solutions	Ductwork Insulation (Exterior Space) - Return Air	Gas		25 Square Feet	\$2.70	205	205	205	205	0.00	6.15
CWG0025	Prescriptive	Prescriptive Solutions	Domestic Hot Water Piping - Conditioned Space	Gas		20 Linear Feet	\$0.90	200	200	200	200	0.00	0.09
CSG0065	Prescriptive	Prescriptive Solutions	Ductwork Insulation (Exterior Space) - Supply Air	Gas		25 Square Feet	\$2.70	1005	1005	1005	1005	0.00	0.32
CHG0052	Prescriptive	Prescriptive Solutions	Process Steam Supply Piping - Conditioned Space (GO)	Gas		20 Linear Feet	\$1.80	100	100	100	100	0.00	0.15
CHG0056	Prescriptive	Prescriptive Solutions	Process Steam Condensate Piping - Unconditioned Space (GO)	Gas		20 Linear Feet	\$2.70	200	200	200	200	0.00	0.43
CHG0051	Prescriptive	Prescriptive Solutions	Process Steam Supply Piping - Unconditioned Space (GO)	Gas		20 Linear Feet	\$2.70	10	10	10	10	0.00	0.61
CHG0054	Prescriptive	Prescriptive Solutions	Process Steam Condensate Piping - Conditioned (GO)	Gas		20 Linear Feet	\$0.90	10	10	10	10	0.00	0.10
CSG0087	Prescriptive	Prescriptive Solutions	Commercial Kitchen Ventilation Control (GO)	Gas		20 CFM	\$0.45	55532	55532	55532	55532	0.00	0.03
CSE0024	Prescriptive	Prescriptive Solutions	Refrigerated Space LED Lighting (Refrigeration Savings) (1-20F to 40F)	Electric		12 Watts Removed	\$0.07	16589	16589	16589	16589	0.63	0.00
CSC0047	Prescriptive	Prescriptive Solutions	Commercial Kitchen Ventilation Control (EG)	Combo		20 CFM	\$0.45	7770	7770	7770	7770	0.92	0.04
CSE0013	Prescriptive	Prescriptive Solutions	LED Lighting for Refrigerated Cases	Electric		16 Linear Feet	\$9.00	5990	5990	5990	5990	139.10	0.00
CSG0109	Prescriptive	Prescriptive Solutions	Engineered Commercial Kitchen Ventilation Control (GO)	Gas		15 CFM	\$0.90	4618	4618	4618	4618	0.00	0.16
CSC0052	Prescriptive	Prescriptive Solutions	Engineered Commercial Kitchen Ventilation Control (EG)	Electric		15 CFM	\$0.90	2852	2852	2852	2852	5.92	0.00
CSE0022	Prescriptive	Prescriptive Solutions	Refrigerated Space LED Lighting (Refrigeration Savings) (1-20F to 0F)	Electric		12 Watts Removed	\$0.18	1630	1630	1630	1630	1.48	0.00
CSE0007	Prescriptive	Prescriptive Solutions	Open Refrigerated Case Night Covers	Electric		5 Linear Feet	\$18.00	1010	1010	1010	1010	13.65	0.00
CSE0020	Prescriptive	Prescriptive Solutions	Case Cooler Electronically Commutated Motor	Electric		15 Units	\$81.00	330	330	330	330	682.27	0.00
CSG0029	Prescriptive	Prescriptive Solutions	Automatic High Speed Doors (Between Cooler and Dock)	Electric		12 Square Feet	\$13.50	312	312	312	312	159.80	0.00
CSE0149	Prescriptive	Prescriptive Solutions	Low or No Heat Reach-In Refrigerated Case Doors - With Anti-Sweat Heater Control	Electric		15 Door	\$27.00	287	287	287	287	716.03	0.00
CSG0030	Prescriptive	Prescriptive Solutions	Automatic High Speed Doors (Between Freezer and Dock)	Electric		12 Square Feet	\$135.00	252	252	252	252	1504.48	0.00
CSE0089	Prescriptive	Prescriptive Solutions	Walk-In Cooler Electronically Commutated Motor	Electric		15 Units	\$135.00	247	247	247	247	1130.22	0.00
CSE0088	Prescriptive	Prescriptive Solutions	Floating Head Pressure Control (Industrial Process Cooling & Refrigerated Warehouse)	Electric		15 Tons	\$112.50	216	216	216	216	1066.46	0.00
CBC0003	Prescriptive	Prescriptive Solutions	Walk-in Cooler Strip Curtains (Cooler 40F)	Electric		4 Square Feet	\$7.20	192	192	192	192	70.38	0.00
CSE0011	Prescriptive	Prescriptive Solutions	Refrigerated Case Anti-sweat Heater Controls	Electric		12 Door	\$67.50	164	164	164	164	1123.13	0.00
CBC0004	Prescriptive	Prescriptive Solutions	Walk-in Freezer Strip Curtains (Freezer 0F)	Electric		4 Square Feet	\$22.50	148.5	148.5	148.5	148.5	375.91	0.00
CSE0148	Prescriptive	Prescriptive Solutions	Low or No Heat Reach-In Refrigerated Case Doors - Without Anti-Sweat Heater Control	Electric		15 Door	\$180.00	143	143	143	143	1580.01	0.00

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
CSE0027	Prescriptive	Prescriptive Solutions	Reach-In Refrigerated Case Doors - Medium Temperature (EO)	Electric	12	Linear Feet	\$40.50	128	128	128	128	477.76	0.00
CSC0028	Prescriptive	Prescriptive Solutions	Reach-In Refrigerated Case Doors - Medium Temperature (EG)	Combo	10	Linear Feet	\$90.00	120	120	120	120	477.76	4.41
CSG0017	Prescriptive	Prescriptive Solutions	Under Counter Dishwasher (GO)	Gas	10	Units	\$45.00	100	100	100	100	0.00	5.13
CSE0167	Prescriptive	Prescriptive Solutions	Discus Refrigeration Compressors	Electric	15	Tons	\$18.00	82.3	82.3	82.3	82.3	176.35	0.00
CSE0026	Prescriptive	Prescriptive Solutions	Refrigerated Walk-in Cooler or Freezer Evaporator Fan Speed Controls - ECM	Electric	5	Units	\$31.50	43	43	43	43	273.24	0.00
CSE0168	Prescriptive	Prescriptive Solutions	Scroll Refrigeration Compressor	Electric	15	Tons	\$36.00	36.9	36.9	36.9	36.9	320.68	0.00
CSE0099	Prescriptive	Prescriptive Solutions	Walk-in Cooler or Freezer Door Gasket Seals	Electric	4	Linear Feet	\$4.50	30	30	30	30	81.14	0.00
CSE0029	Prescriptive	Prescriptive Solutions	Reach-In Refrigerated Case Doors - Low Temperature (EO)	Electric	12	Linear Feet	\$90.00	29	29	29	29	1203.08	0.00
CSE0166	Prescriptive	Prescriptive Solutions	Cooler or Freezer Defrost Control	Electric	10	Tons	\$18.00	27	27	27	27	129.63	0.00
CSE0184	Prescriptive	Prescriptive Solutions	Evaporator Fan Controls with Demand Defrost - Walk in Cooler	Electric	10	Tons	\$4.95	21	21	21	21	35.90	0.00
CSE0183	Prescriptive	Prescriptive Solutions	Evaporator Fan Controls with Demand Defrost - Walk in Freezer	Electric	10	Tons	\$40.50	21	21	21	21	311.88	0.00
CHE0164	Prescriptive	Prescriptive Solutions	Commercial Solid Door Refrigerators 15 to 30 cu. ft.	Electric	12	Units	\$67.50	5	5	5	5	275.02	0.00
CHE0167	Prescriptive	Prescriptive Solutions	Commercial Solid Door Refrigerators < 15cu. ft.	Electric	12	Units	\$45.00	5	5	5	5	239.66	0.00
CSE0210	Prescriptive	Prescriptive Solutions	Hot Holding Cabinet (Full Size) - Electric	Electric	12	Units	\$540.00	4	4	4	4	4370.18	0.00
CSG0054	Prescriptive	Prescriptive Solutions	Commercial Dishwasher (GO)	Gas	10	Units	\$225.00	4	4	4	4	0.00	9.37
CSG0112	Prescriptive	Prescriptive Solutions	ENERGY STAR Fryer - Gas	Gas	12	Units	\$450.00	2	2	2	2	0.00	44.66
CSE0211	Prescriptive	Prescriptive Solutions	Hot Holding Cabinet (Half Size) - Electric	Electric	12	Units	\$47.50	1	1	1	1	1480.46	0.00
CSE0087	Prescriptive	Prescriptive Solutions	Refrigerated Walk-in Cooler or Freezer Evaporator Fan Speed Controls - Shaded Pole Motor	Electric	5	Units	\$217.00	1	1	1	1	956.34	0.00
CSG0001	Prescriptive	Prescriptive Solutions	Laundry Ozone-Generation System (GO)	Gas	10	Pounds	\$36.00	5000	5000	5000	3500	0.00	3.72
CHG0257	Prescriptive	Prescriptive Solutions	HVAC Steam Traps (< 50 psig and/or < 4,000 hours/year)	Gas	6	Units	\$157.50	179	179	179	179	0.00	28.04
CHG0025	Prescriptive	Prescriptive Solutions	Level 3 - Space Heating Boiler Tune-up (>= 1,200 MBH)	Gas	2	Units	\$0.13	623136	623136	623136	623136	0.00	0.02
CHG0283	Prescriptive	Prescriptive Solutions	Level 6 - Process Boiler Tune-up (>= 10,000 MBH)	Gas	2	Units	\$0.13	298686	298686	298686	298686	0.00	0.07
CHG0284	Prescriptive	Prescriptive Solutions	Level 5 - Process Boiler Tune-up (3000-9,999 MBH)	Gas	2	Units	\$0.19	70361	70361	70361	70361	0.00	0.07
CWG0019	Prescriptive	Prescriptive Solutions	Level 15 - Domestic Water Heating Boiler Tune-up (>= 1,200 MBH)	Gas	2	Units	\$0.18	65045	65045	65045	65045	0.00	0.05
CHE0146	Prescriptive	Prescriptive Solutions	Air and Water-Cooled Chiller Tune-up (150-999 Tons)	Electric	5	Units	\$3.67	49030	49030	49030	49030	97.66	0.00
CHG0024	Prescriptive	Prescriptive Solutions	Level 2 - Space Heating Boiler Tune-up (500-1199 MBH)	Gas	2	Units	\$0.56	49010.03	49010.03	49010.03	49010.03	0.00	0.02
CHG0285	Prescriptive	Prescriptive Solutions	Level 4 - Process Boiler Tune-up (300-2999 MBH)	Gas	2	Units	\$0.19	29569	29569	29569	29569	0.00	0.07
CWE0029	Prescriptive	Prescriptive Solutions	Air and Water-Cooled Chiller Tune-up (1000+ Tons)	Electric	5	Units	\$9.38	27280	27280	27280	27280	98.30	0.00
CWG0017	Prescriptive	Prescriptive Solutions	Level 14 - Domestic Water Heating Boiler Tune-up (500-1,999 MBH)	Gas	2	Units	\$0.38	9936	9936	9936	9936	0.00	0.05
CWG0016	Prescriptive	Prescriptive Solutions	Level 13 - Domestic Water Heating Boiler Tune-up (199-499 MBH)	Gas	2	Units	\$0.26	12940	12940	12940	12940	0.00	0.05
CHG0019	Prescriptive	Prescriptive Solutions	Forced Air Furnace, Unit Heater or Rooftop Unit (RTU) Tune-up (40-299 MBH)	Gas	2	Units	\$0.59	5725.5	5725.5	5725.5	5725.5	0.00	0.02
CHG0023	Prescriptive	Prescriptive Solutions	Level 1 - Space Heating Boiler Tune-up (110-499 MBH)	Gas	2	Units	\$0.49	5235.75	5235.75	5235.75	5235.75	0.00	0.02
CHG0021	Prescriptive	Prescriptive Solutions	Forced Air Furnace, Unit Heater or Rooftop Unit (RTU) Tune-up (>= 300 MBH)	Gas	2	Units	\$0.17	6280	6280	6280	6280	0.00	0.03
CHE0145	Prescriptive	Prescriptive Solutions	Air and Water-Cooled Chiller Tune-up (20-149 Tons)	Electric	5	Units	\$8.74	3498	3498	3498	3498	97.06	0.00
CHG0226	Prescriptive	Prescriptive Solutions	Level 9 - Process Burner Tune-up (>= 1,200 MBH)	Gas	2	Units	\$0.31	2327.25	2327.25	2327.25	2327.25	0.00	0.04
CHG0251	Prescriptive	Prescriptive Solutions	Level 11 - Pool & Spa Boiler Tune-up (500-1,999 MBH)	Gas	2	Units	\$0.14	2651	2651	2651	2651	0.00	0.13
CHG0225	Prescriptive	Prescriptive Solutions	Level 8 - Process Burner Tune-up (500-1,199 MBH)	Gas	2	Units	\$0.41	1506	1506	1506	1506	0.00	0.04
CHG0252	Prescriptive	Prescriptive Solutions	Level 12 - Pool & Spa Boiler Tune-up (>= 1,200 MBH)	Gas	2	Units	\$0.14	1900	1900	1900	1900	0.00	0.13
CHG0250	Prescriptive	Prescriptive Solutions	Level 10 - Pool & Spa Boiler Tune-up (300-499 MBH)	Gas	2	Units	\$0.23	300	300	300	300	0.00	0.13
CHG0224	Prescriptive	Prescriptive Solutions	Level 7 - Process Burner Tune-up (300-499 MBH)	Gas	2	Units	\$0.34	1	1	1	1	0.00	0.04
CWG0030	Prescriptive	Prescriptive Solutions	New Outdoor Air Damper Assembly	Gas	7.5	CFM	\$0.03	15000	15000	15000	15000	0.00	0.01
CHE0202	Prescriptive	Prescriptive Solutions	Packaged Terminal Heat Pump (PTHP) 7000 BTU/hr - 15000 BTU/hr. = 11.8 EER	Electric	15	Tons	\$31.50	302	302	302	302	209.53	0.00
CHE0189	Prescriptive	Prescriptive Solutions	Packaged Terminal Air Conditioner (PTAC) 7,000 to 15,000 BTU/hr. = 11.8 EER	Electric	15	Tons	\$54.00	105	105	105	105	61.81	0.00
CHE0136	Prescriptive	Prescriptive Solutions	Ductless Air Conditioning or Air-Source Heat Pump System	Electric	15	Tons	\$45.00	55.25	55.25	55.25	55.25	415.42	0.00
CHE0203	Prescriptive	Prescriptive Solutions	Packaged Terminal Heat Pump (PTHP) > 15000 BTU/hr. = 10.5 EER	Electric	15	Tons	\$36.00	4	4	4	4	254.91	0.00
CME0006	Prescriptive	Prescriptive Solutions	VFD on Process Pumps up to 50 HP	Electric	15	HP	\$112.50	3502	3502	3502	3502	895.90	0.00
CME0015	Prescriptive	Prescriptive Solutions	VFD on Process Fans up to 50 HP	Electric	15	HP	\$90.00	1855.7	1855.7	1855.7	1855.7	440.50	0.00
CME0014	Prescriptive	Prescriptive Solutions	Integrated Variable Speed Motor (ECM) for Furnace,UV,FC,& Light Duty AHUFans (up to 7.5 HP)	Electric	20	HP	\$120.00	1742.46	1742.46	1742.46	1742.46	1116.14	0.00
CME0054	Prescriptive	Prescriptive Solutions	VFD on HVAC Supply Fan up to 100 HP	Electric	15	HP	\$63.00	1642.9	1642.9	1642.9	1642.9	802.06	0.00
CME0052	Prescriptive	Prescriptive Solutions	VFD on Open Loop Pumping Systems up to 100 HP	Electric	10	HP	\$36.00	1167	1167	1167	1167	161.46	0.00
CME0070	Prescriptive	Prescriptive Solutions	VFDs for Process Pump - Fixed Speed, (54 Hz or less)	Electric	15	Units	\$90.00	920	920	920	920	453.74	0.00
CME0055	Prescriptive	Prescriptive Solutions	VFD on HVAC Return Fan up to 100 HP	Electric	15	HP	\$63.00	830	830	830	830	623.49	0.00
CME0071	Prescriptive	Prescriptive Solutions	VFD on Process Cooling Tower Fan	Electric	15	HP	\$36.00	718	718	718	718	367.63	0.00
CME0057	Prescriptive	Prescriptive Solutions	VFD on HVAC Hydronic Heating Water Pump up to 100 HP	Electric	15	HP	\$90.00	699.48	699.48	699.48	699.48	1937.76	0.00
CME0068	Prescriptive	Prescriptive Solutions	VFD for HVAC Fans - Fixed Speed, (54 Hz or less)	Electric	15	Units	\$45.00	452	452	452	452	929.02	0.00
CME0069	Prescriptive	Prescriptive Solutions	VFD for Process Fan - Fixed Speed, (54 Hz or less)	Electric	15	Units	\$67.50	420	420	420	420	551.22	0.00
CME0064	Prescriptive	Prescriptive Solutions	VFD on HVAC or Grocery Store Refrigeration System Condenser Fan	Electric	15	Tons	\$45.00	418	418	418	418	413.30	0.00
CME0056	Prescriptive	Prescriptive Solutions	VFD on HVAC Chilled Water Pump up to 100 HP	Electric	15	HP	\$54.00	300	300	300	300	715.39	0.00
CME0058	Prescriptive	Prescriptive Solutions	VFD for CW HVAC Pumps - Fixed Speed, (54 Hz or less)-Bypass	Electric	15	Units	\$36.00	300	300	300	300	395.78	0.00
CME0074	Prescriptive	Prescriptive Solutions	Integrated Variable Speed Motor (ECM) for Exterior Condenser Fans	Electric	15	HP	\$35.00	180	180	180	180	325.65	0.00
CME0044	Prescriptive	Prescriptive Solutions	VFD on Data Center, Telecom, or Computer Room Air Conditioning (CRAC) System	Electric	15	HP	\$135.00	159.4	159.4	159.4	159.4	1887.01	0.00
CME0073	Prescriptive	Prescriptive Solutions	VSD on Industrial Vacuum Pump System up to 25 HP	Electric	10	HP	\$18.00	50	50	50	50	171.56	0.00
CHE0122	Prescriptive	Prescriptive Solutions	ECM on Hydronic Heating Circulation Pumps (100w to 500w)	Electric	15	Units	\$175.00	44	44	44	44	1889.50	0.00
CHE0123	Prescriptive	Prescriptive Solutions	ECM on Hydronic Heating Circulation Pumps (>500w)	Electric	15	Units	\$500.00	44	44	44	44	7558.81	0.00
CME0065	Prescriptive	Prescriptive Solutions	VFD on Condenser Fan - Med Temp Refrigeration (33 to 50 Degrees F)	Electric	15	HP	\$90.00	40.5	40.5	40.5	40.5	1146.78	0.00
CHE0121	Prescriptive	Prescriptive Solutions	ECM on Hydronic Heating Circulation Pumps (<100w)	Electric	15	Units	\$60.00	22	22	22	22	377.57	0.00
CME0061	Prescriptive	Prescriptive Solutions	VFD for HW HVAC Pumps - Fixed Speed, (54 Hz or less)-Throttled	Electric	15	Units	\$36.00	18	18	18	18	544.82	0.00
CME0060	Prescriptive	Prescriptive Solutions	VFD for HW HVAC Pumps - Fixed Speed, (54 Hz or less)-Bypass	Electric	15	Units	\$63.00	16	16	16	16	779.98	0.00
CHE0126	Prescriptive	Prescriptive Solutions	ECM on Chilled Water Circulation Pumps (>500w)	Electric	15	Units	\$180.00	14	14	14	14	4226.94	0.00
CWE0025	Prescriptive	Prescriptive Solutions	ECM on Domestic Hot Water Recirculation Pumps (<100w)	Electric	15	Units	\$110.00	10	10	10	10	829.66	0.00
CME0062	Prescriptive	Prescriptive Solutions	VFD on HVAC Cooling Tower Fan up to 100 HP	Electric	15	HP	\$36.00	10	10	10	10	457.78	0.00
CWE0026	Prescriptive	Prescriptive Solutions	ECM on Domestic Hot Water Recirculation Pumps (100w to 500w)	Electric	15	Units	\$300.00	10	10	10	10	4146.62	0.00
CME0067	Prescriptive	Prescriptive Solutions	VFD on Pool Circulation Pump - up to 50 HP	Electric	12	HP	\$180.00	6	6	6	6	1179.90	0.00
CWE0027	Prescriptive	Prescriptive Solutions	ECM on Domestic Hot Water Recirculation Pumps (>500w)	Electric	15	Units	\$600.00	2	2	2	2	16586.50	0.00
RNC0029	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 1 - Combo	Combo	20	Units	\$120.00	15	15	20	25	0.00	0.00
RNC0030	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 2 - Combo	Combo	20	Units	\$60.00	70	70	70	70	0.00	0.00
RNC0031	Contractor Rebates - New Construction	Contractor Rebates	ACH50 Bonus - Tier 3 - Combo	Combo	20	Units	\$20.00	142	142	142	142	0.00	0.00
RNC0032	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 1 - Combo	Combo	20	Units	\$3,150.00	3	3	3	3	2984.66	7.08
RNC0033	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 2 - Combo	Combo	20	Units	\$2,475.00	3	3	3	3	2617.14	69.52
RNC0034	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 3 - Combo	Combo	20	Units	\$1,800.00	110	110	115	120	1824.90	63.47

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
RNC0035	Contractor Rebates - New Construction	Contractor Rebates	Single Family - ENERGY STAR - Tier 4 - Combo	Combo	20	Units	\$900.00	15	15	15	15	1409.54	51.81
RNC0036	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 1 - Combo	Combo	20	Units	\$900.00	45	45	45	45	2090.89	64.21
RNC0037	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 2 - Combo	Combo	20	Units	\$450.00	74	74	74	74	1633.50	42.02
RNC0038	Contractor Rebates - New Construction	Contractor Rebates	Single Family - HERS Path - Tier 3 - Combo	Combo	20	Units	\$225.00	160	160	160	160	1398.50	35.04
RNC0039	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - ENERGY STAR Tier 1 - Combo	Combo	20	Units	\$630.00	16	16	16	16	809.38	15.29
RNC0040	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - ENERGY STAR Tier 2 - Combo	Combo	20	Units	\$315.00	130	130	130	130	649.69	8.23
RNC0041	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - HERS Path - Tier 1 - Combo	Combo	20	Units	\$315.00	15	15	15	15	1268.39	36.08
RNC0042	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - Gas Savings Bonus - Combo	Combo	20	Units	\$60.00	22	22	22	22	0.00	0.00
RNC0043	Contractor Rebates - New Construction	Contractor Rebates	Connected Housing - Electric Savings Bonus - Combo	Combo	20	Units	\$60.00	35	35	35	35	0.00	0.00
RHC0100	Contractor Rebates - Home Solutions	Contractor Rebates	Setback thermostat - moderate setback (combo)	Combo	9	Units	\$9.00	159	159	159	159	106.85	4.09
RHC0101	Contractor Rebates - Home Solutions	Contractor Rebates	Wi-Fi Enabled Thermostat - Combination	Combo	9	Units	\$90.00	1921	1921	1921	1921	124.46	4.81
RWC0001	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-38-Combo	Combo	30	Units	\$112.50	16	16	16	16	81.89	4.37
RWC0002	Contractor Rebates - Home Solutions	Contractor Rebates	Wall Insulation-Combo	Combo	30	Units	\$112.50	123	123	123	123	116.26	7.42
RWC0003	Contractor Rebates - Home Solutions	Contractor Rebates	Basement Wall Insulation-Combo	Combo	30	Units	\$45.00	11	11	11	11	73.89	6.73
RWC0004	Contractor Rebates - Home Solutions	Contractor Rebates	Crawlspace Insulation-Combo	Combo	30	Units	\$45.00	27	27	27	27	26.71	3.10
RWC0006	Contractor Rebates - Home Solutions	Contractor Rebates	Rim Joist Insulation - Combo	Combo	30	Units	\$45.00	67	67	67	67	41.04	2.54
RWC0008	Contractor Rebates - Home Solutions	Contractor Rebates	Window Replacement (Per Unit) - Combo	Combo	25	Units	\$13.50	2252	2252	2252	2252	18.40	0.42
RWC0009	Contractor Rebates - Home Solutions	Contractor Rebates	Door Replacement (Per Unit) - Combo	Combo	20	Units	\$36.00	219	219	219	219	65.63	1.82
RWC0017	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-49-Combo	Combo	30	Units	\$157.50	840	840	840	840	102.04	5.34
RWC0021	Contractor Rebates - Home Solutions	Contractor Rebates	Roof (attic) Insulation R-60-Combo	Combo	30	Units	\$180.00	467	467	467	467	114.94	6.06
RWC0024	Contractor Rebates - Home Solutions	Contractor Rebates	Triple Pane Window - Combo	Combo	25	Units	\$13.50	143	143	143	143	30.01	0.43
RWC2000	Contractor Rebates - Home Solutions	Contractor Rebates	Customer Amends (Combination Customer)	Combo	1	Units	\$225.00	23	23	23	23	0.00	0.00
RAC0309	Retail Rebates	Retail Rebates	Wi-Fi Enabled Thermostat - Combination Customers	Combo	9	Units	\$65.00	300	300	300	300	120.12	4.65
RAC0328	Retail Rebates	Retail Rebates	Wi-Fi Enabled Thermostat - Tier 3 - Combination Customers	Combo	9	Units	\$65.00	1200	1200	1200	1200	103.75	0.92
RAE0322	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Electric Water heater, Gas Dryer - Combination Customers	Combo	11	Units	\$45.00	75	75	75	75	74.94	0.30
RAG0316	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Gas water heater, Gas dryer - Combination Customers	Combo	11	Units	\$45.00	450	450	450	450	18.73	0.49
RAG0319	Retail Rebates	Retail Rebates	Clothes Washer ENERGY STAR, Gas water heater, Electric dryer - Combination Customers	Combo	11	Units	\$45.00	475	475	475	475	95.37	0.23
RHC1000	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 2	Combo	1	Units	\$45.00	100	100	100	100	0.00	0.00
RHC1001	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 3	Combo	1	Units	\$90.00	146	146	146	146	0.00	0.00
RHC1002	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 4	Combo	1	Units	\$90.00	50	50	50	50	0.00	0.00
RHC1003	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 5	Combo	1	Units	\$90.00	50	50	50	50	0.00	0.00
RHC1004	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 6	Combo	1	Units	\$135.00	50	50	50	50	0.00	0.00
RHC1005	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - Accumulative 7	Combo	1	Units	\$180.00	50	50	50	50	0.00	0.00
RHC1006	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 2	Combo	1	Units	\$45.00	210	210	210	210	0.00	0.00
RHC1007	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 3	Combo	1	Units	\$135.00	260	260	260	260	0.00	0.00
RHC1008	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 4	Combo	1	Units	\$225.00	50	50	50	50	0.00	0.00
RHC1009	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 5	Combo	1	Units	\$315.00	30	30	30	30	0.00	0.00
RHC1010	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 6	Combo	1	Units	\$450.00	20	20	20	20	0.00	0.00
RHC1011	Contractor Rebates - Home Solutions	Contractor Rebates	Do More - All at Once 7	Combo	1	Units	\$630.00	10	10	10	10	0.00	0.00
RAC5002	Marketplace - Residential	Retail Rebates	Wi-Fi Enabled Thermostat - Combination Customers	Combo	9	Units	\$70.00	5600	5600	5600	5600	109.59	4.31
RIC0004	Income Qualified	Income-Qualified Single Family	Audit Education Combo or Gas and Electric Measures - OTG (Direct Program)	Combo	1	Units	\$0.00	2040	2040	2040	2040	0.00	0.00
RIC0012	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 15% and LT 20% leakage base (Direct Program)	Combo	18	Square Feet	\$0.00	100	100	100	100	0.07	0.00
RIC0013	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 20% and LT 25%leakage base (Direct Program)	Combo	18	Square Feet	\$0.00	100	100	100	100	0.14	0.01
RIC0014	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 25% and LT 30% leakage base (Direct Program)	Combo	18	Square Feet	\$0.00	100	100	100	100	0.26	0.01
RIC0015	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 30% and LT 35% leakage base (Direct Program)	Combo	18	Square Feet	\$0.00	100	100	100	100	0.39	0.02
RIC0016	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 35% and LT 40% leakage base (Direct Program)	Combo	18	Square Feet	\$0.00	100	100	100	100	0.52	0.02
RIC0017	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 40% and LT 45% leakage base (Direct Program)	Combo	18	Square Feet	\$0.00	100	100	100	100	0.67	0.03
RIC0018	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 45% and LT 50% leakage base (Direct Program)	Combo	18	Square Feet	\$0.00	100	100	100	100	0.84	0.03
RIC0019	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 50% leakage base (Direct Program)	Combo	18	Square Feet	\$0.00	100	100	100	100	0.99	0.04
RIC0020	Income Qualified	Income-Qualified Single Family	MHI - Pre Weatherization Blower Door Test - Gas Customer (Direct Program)	Combo	1	Units	\$0.00	2000	2000	2000	2000	0.00	0.00
RIC0023	Income Qualified	Income-Qualified Single Family	Add-A-Wire Module Installation - Combination Service (Direct Program)	Combo	1	Units	\$0.00	20	20	20	20	0.00	0.00
RIC0024	Income Qualified	Income-Qualified Single Family	Thermostat Wiring Replacement - Combination Service (Direct Program)	Combo	1	Units	\$0.00	10	10	10	10	0.00	0.00
RIC0025	Income Qualified	Income-Qualified Single Family	Air Sealing - 20% Reduction - (Agency Rebate)	Combo	13	Square Feet	\$0.00	96752	96752	96752	96752	0.04	0.00
RIC0026	Income Qualified	Income-Qualified Single Family	Air Sealing - 30% Reduction - (Agency Rebate)	Combo	13	Square Feet	\$0.00	58399	58399	58399	58399	0.06	0.00
RIC0027	Income Qualified	Income-Qualified Single Family	Air Sealing - 40% Reduction - (Agency Rebate)	Combo	13	Square Feet	\$0.00	36769	36769	36769	36769	0.07	0.00
RIC0028	Income Qualified	Income-Qualified Single Family	Air Sealing - 50% Reduction - (Agency Rebate)	Combo	13	Square Feet	\$0.00	18730	18730	18730	18730	0.10	0.01
RIC0029	Income Qualified	Income-Qualified Single Family	Manufactured Home Duct Sealing - 30% Reduction - (Agency Rebate)	Combo	18	Square Feet	\$0.00	100	100	100	100	0.35	0.02
RIC0030	Income Qualified	Income-Qualified Single Family	Manufactured Home Duct Sealing - 40% Reduction - (Agency Rebate)	Combo	18	Square Feet	\$0.00	100	100	100	100	0.61	0.03
RIC0031	Income Qualified	Income-Qualified Single Family	Manufactured Home Duct Sealing - 50% Reduction - (Agency Rebate)	Combo	18	Square Feet	\$0.00	100	100	100	100	0.94	0.04
RIC0032	Income Qualified	Income-Qualified Single Family	Attic Insulation to R30 - (Agency Rebate)	Combo	30	Square Feet	\$0.00	16497	16497	16497	16497	0.31	0.01
RIC0033	Income Qualified	Income-Qualified Single Family	Attic Insulation to R49 - (Agency Rebate)	Combo	30	Square Feet	\$0.00	7405	7405	7405	7405	0.31	0.01
RIC0034	Income Qualified	Income-Qualified Single Family	Wall Insulation - (Agency Rebate)	Combo	30	Square Feet	\$0.00	20000	20000	20000	20000	0.14	0.01
RIC0035	Income Qualified	Income-Qualified Single Family	Kneewall Insulation to R-19 - (Agency Rebate)	Combo	30	Square Feet	\$0.00	1500	1500	1500	1500	0.51	0.02
RIC0036	Income Qualified	Income-Qualified Single Family	Basement Wall Insulation - (Agency Rebate)	Combo	30	Square Feet	\$0.00	1500	1500	1500	1500	0.15	0.01
RIC0037	Income Qualified	Income-Qualified Single Family	Floor Insulation - (Agency Rebate)	Combo	30	Square Feet	\$0.00	200	200	200	200	0.17	0.01
RIC0038	Income Qualified	Income-Qualified Single Family	Crawlspace Insulation - (Agency Rebate)	Combo	30	Square Feet	\$0.00	4000	4000	4000	4000	0.10	0.01
RIC0039	Income Qualified	Income-Qualified Single Family	Band Joist Insulation - (Agency Rebate)	Combo	30	Units	\$0.00	10	10	10	10	68.77	3.46
RIC0040	Income Qualified	Income-Qualified Single Family	Multimeasure Bonus - (Agency Rebate)	Combo	1	Units	\$0.00	100	100	100	100	0.00	0.00
RIC0042	Income Qualified	Income-Qualified Single Family	Wi-Fi Enabled Thermostat Moderate Setback - (Agency Rebate)	Combo	9	Units	\$0.00	5	5	5	5	213.31	7.43
RIC0043	Income Qualified	Income-Qualified Single Family	Manufactured Belly Insulation 100% coverage base - (Agency Rebate)	Combo	30	Square Feet	\$0.00	10000	10000	10000	10000	0.08	0.01
RIC0044	Income Qualified	Income-Qualified Single Family	Programmable Thermostat Moderate Setback - (Agency Rebate)	Combo	9	Units	\$0.00	25	25	25	25	141.75	5.21
RIC0045	Income Qualified	Income-Qualified Single Family	Programmable Thermostat Moderate Setback - (Direct Program)	Combo	9	Units	\$0.00	400	400	400	400	123.87	4.77
RIC0046	Income Qualified	Income-Qualified Single Family	Energy Star Door - (Agency Rebate)	Combo	20	Units	\$0.00	2	2	2	2	21.98	1.56
RIC0047	Income Qualified	Income-Qualified Single Family	Energy Star Window Replacement (Per Square Footage) - (Agency Rebate)	Combo	25	Square Feet	\$0.00	20	20	20	20	0.66	0.02
RIC0048	Income Qualified	Income-Qualified Single Family	Trade Ally Programmable Thermostat Moderate Setback - (Direct Program)	Combo	9	Units	\$0.00	50	50	50	50	123.80	4.77
RIC0049	Income Qualified	Income-Qualified Single Family	Amends Trade Ally Programmable Thermostat Moderate Setback - (Direct Program)	Combo	1	Units	\$0.00	10	10	10	10	0.00	0.00
RIC0051	Income Qualified	Income-Qualified Single Family	Amends Programmable Thermostat Moderate Setback - (Agency Rebate)	Combo	1	Units	\$0.00	10	10	10	10	0.00	0.00
RIC0053	Income Qualified	Income-Qualified Single Family	Amends Programmable Thermostat Moderate Setback - (Direct Program)	Combo	1	Units	\$0.00	10	10	10	10	0.00	0.00
RIC0054	Income Qualified	Income-Qualified Single Family	Wi-Fi Thermostat - Moderate Setback - (Direct Program)	Combo	9	Units	\$0.00	300	300	300	300	132.17	5.06
RIC0055	Income Qualified	Income-Qualified Single Family	Attic Insulation Installed _ R-38 Final Effective value - (Direct Program)	Combo	30	Square Feet	\$0.00	45435	45435	45435	45435	0.20	0.01

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
RIC0056	Income Qualified	Income-Qualified Single Family	Attic Insulation Installed _ R-49 Final Effective value - (Direct Program)	Combo		30 Square Feet	\$0.00	590662	590662	590662	590662	0.16	0.01
RIC0057	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 20% Reduction - (Direct Program)	Combo		13 Square Feet	\$0.00	371333	371333	371333	371333	0.03	0.00
RIC0058	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 30% Reduction - (Direct Program)	Combo		13 Square Feet	\$0.00	118216	118216	118216	118216	0.05	0.00
RIC0059	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 40% Reduction - (Direct Program)	Combo		13 Square Feet	\$0.00	52313	52313	52313	52313	0.07	0.00
RIC0060	Income Qualified	Income-Qualified Single Family	Single Family Air Sealing - 50% Reduction - (Direct Program)	Combo		13 Square Feet	\$0.00	17484	17484	17484	17484	0.09	0.00
RIC0061	Income Qualified	Income-Qualified Single Family	Programming Existing Thermostat - Moderate - Combination - (Direct Program)	Combo		3 Units	\$0.00	25	25	25	25	157.48	6.06
RIC0062	Income Qualified	Income-Qualified Single Family	Attic Preparation Hourly Rate (Direct Program)	Combo		1 Units	\$0.00	1800	1800	1800	1800	0.00	0.00
RIC0063	Income Qualified	Income-Qualified Single Family	Spray Foam Band Joist R-20 or higher - (Direct Program)	Combo		30 Units	\$0.00	300	300	300	300	51.71	2.90
RIC0064	Income Qualified	Income-Qualified Single Family	Window Film Insulation Kit (Coverage = 15 SQ FT Glazing) - (Direct Program)	Combo		1 Units	\$0.00	8000	8000	8000	8000	4.49	0.32
RIC0068	Income Qualified	Income-Qualified Single Family	Amends WIFI Thermostats Moderate Setback - Combination Service (Direct Program)	Combo		1 Units	\$0.00	10	10	10	10	0.00	0.00
RIC0069	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 55 % and LT 60 %leakage base (Direct Program)	Combo		18 Square Feet	\$0.00	100	100	100	100	0.91	0.05
RIC0070	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 60 % and LT 65 %leakage base (Direct Program)	Combo		18 Square Feet	\$0.00	100	100	100	100	1.08	0.06
RIC0071	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 65 % and LT 70 %leakage base (Direct Program)	Combo		18 Square Feet	\$0.00	100	100	100	100	1.27	0.07
RIC0072	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 70 % and LT 75 %leakage base (Direct Program)	Combo		18 Square Feet	\$0.00	100	100	100	100	1.50	0.08
RIC0073	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 75 % and LT 80 %leakage base (Direct Program)	Combo		18 Square Feet	\$0.00	337500	337500	337500	337500	1.74	0.09
RIC0074	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 80 % and LT 85 %leakage base (Direct Program)	Combo		18 Square Feet	\$0.00	335000	360000	385000	410000	2.01	0.11
RIC0075	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 85 % and LT 90 %leakage base (Direct Program)	Combo		18 Square Feet	\$0.00	1156250	1156250	1156250	1156250	2.30	0.12
RIC0076	Income Qualified	Income-Qualified Single Family	Duct sealing GT or EQ 90 % and LT 95 %leakage base (Direct Program)	Combo		18 Square Feet	\$0.00	187500	187500	187500	187500	2.62	0.14
RIC0077	Income Qualified	Income-Qualified Single Family	Above Grade Wall Insulation (Direct Program)	Combo		30 1000 Square Feet	\$0.00	1	1	1	1	140.08	4.56
RIC0081	Income Qualified	Income-Qualified Single Family	Attic Hatch Insulation R-38 scuttle hole (Direct Program)	Combo		30 Units	\$0.00	50	50	50	50	23.63	0.23
RIC0078	Income Qualified	Income-Qualified Single Family	Kneewall Insulation R0 to R19 (Direct Program)	Combo		30 Square Feet	\$0.00	1500	1500	1500	1500	0.38	0.03
RIC0079	Income Qualified	Income-Qualified Single Family	Kneewall Insulation R6 to R19 (Direct Program)	Combo		30 Square Feet	\$0.00	1500	1500	1500	1500	0.12	0.01
RIC0080	Income Qualified	Income-Qualified Single Family	Wall Insulation R-5 Base Add R-10 Continuous - (Direct Program)	Combo		30 Square Feet	\$0.00	5000	5000	5000	5000	0.13	0.01
RXC0338	Assessments and Behavioral	Assessments and Behavioral	Audit Education (Combo or Gas and Electric Measures - OTG)	Combo		1 Units	\$0.00	3484.04	3484.04	3484.04	3484.04	0.00	0.00
RXC0300	Assessments and Behavioral	Assessments and Behavioral	Assessment Performed - Customer Refused DI (Combination Customer)	Combo		1 Units	\$0.00	32.2	32.2	32.2	32.2	0.00	0.00
RXC0346	Assessments and Behavioral	Assessments and Behavioral	Wi-Fi Thermostat - Moderate Setback	Combo		9 Units	\$60.13	353.74	353.74	353.74	353.74	161.23	6.32
RXC0345	Assessments and Behavioral	Assessments and Behavioral	Setback Thermostat - Moderate Setback	Combo		9 Units	\$21.78	197.34	197.34	197.34	197.34	146.87	5.83
RXC0361	Assessments and Behavioral	Assessments and Behavioral	Programming Existing Thermostat - Moderate - Combination	Combo		3 Units	\$0.00	36	36	36	36	171.96	6.66
RXC0357	Assessments and Behavioral	Assessments and Behavioral	Amends Wifi Thermostat - Combination	Combo		1 Units	\$120.25	32	32	32	32	0.00	0.00
RXC0356	Assessments and Behavioral	Assessments and Behavioral	Amends Setback Thermostat - Combination	Combo		1 Units	\$43.55	10	10	10	10	0.00	0.00
RXCNew4	Assessments and Behavioral	Assessments and Behavioral	MHI - Alice Aerosol (w AC)	Combo		13 Units	\$0.00	800	800	800	800	1000.00	55.00
RMC0019	Market-Rate Multifamily - Market Rate	Market-Rate Multifamily	Ceiling insulation R-11 base to R-49 (Combo)	Combo		30 1000 Square Feet	\$360.00	50	50	50	50	329.57	7.39
RMC0018	Multi-Family - Market Rate	Market-Rate Multifamily	Filtration Reduction (percentage) (Combo)	Combo		13 1000 sq ft cond floor a	\$360.00	50	50	50	50	47.64	1.28
RQC0018	Income-Qualified Multifamily	Income-Qualified Multifamily	Ceiling insulation R-19 base to R-49 (Combo)	Combo		30 1000 Square Feet	\$800.00	2000	2000	2200	2200	182.85	4.13
RQC0036	Income-Qualified Multifamily	Income-Qualified Multifamily	Filtration Reduction (percentage) (Combo)	Combo		13 1000 sq ft cond floor a	\$800.00	2000	2000	2200	2200	51.78	1.39
CDC0059	Small Business Solutions	Small Business	SBEA - Field Assessment and Report - Combination Customers	Combo		1 Units	\$0.00	450	450	450	450	0.00	9.11
CDC0090	Small Business Solutions	Small Business	SBEA - Field Assessment and Report with Direct Install - Combination Customers	Combo		1 Units	\$0.00	750	750	750	750	0.00	9.11
CDC0093	Small Business Solutions	Small Business	SBEA - Programmable Tstat - Combo	Combo		9 Units	\$0.00	80	80	80	80	89.36	4.36
CDC0079	Small Business Solutions	Small Business	Wired GREM Material Only (EG)	Combo		8 Units	\$0.00	10	10	10	10	179.61	5.11
CDC0080	Small Business Solutions	Small Business	Wireless GREM Material Only (EG)	Combo		8 Units	\$0.00	10	10	10	10	179.61	5.11
CDC0076	Small Business Solutions	Small Business	SBEA - Wireless GREM (EG)	Combo		8 Units	\$0.00	300	300	300	300	187.12	4.92
CBRCX01	Custom	Custom Solutions	Rcx	Combo		15 Units	\$6,300.00	1	1.2	1.4	1.6	2185000.00	3648.51
CBENew-SEM01	Custom	Custom Solutions	Strategic Energy Management (SEM) - Electric	Electric		3 Units	\$5,280.00	10	10	10	10	264000.00	0.00
CBGNew-SEM01	Custom	Custom Solutions	Strategic Energy Management (SEM) - Gas	Gas		3 Units	\$2,413.89	10	10	10	10	0.00	1341.00
CBENew-CALA1	Custom	Custom Solutions	Compressed Air Leak Abatement	Electric		1 Units	\$3,640.00	100	107,1429	107,1429	107,1429	140000.00	0.00
CBENew-ADC1	Custom	Custom Solutions	Air Duct Ceiling	Combo		25 Units	\$22,883.30	65	65	65	65	50000.00	100.00
CBENew-ADC1	Custom	Custom Solutions	Air Duct Ceiling	Combo		25 Units	\$22,883.30	65	65	65	65	50000.00	100.00
CRCNew-B01	Prescriptive Solutions	Prescriptive Solutions	Bonuses and TA Performance Bonus (EG)	Combo		1 Units	\$0.40	2000000	2000000	2000000	2000000	0.00	0.00
CRCNew-B01	Prescriptive Solutions	Prescriptive Solutions	Bonuses and TA Performance Bonus (EG)	Combo		1 Units	\$0.40	2000000	2000000	2000000	2000000	0.00	0.00
CPCNew-WIN1	Midstream	Midstream	Windows	Gas		20 sq ft	\$1.15	30000	30000	30000	30000	2.85	0.10
CPCNew-WIN1	Midstream	Midstream	Windows	Gas		20 sq ft	\$1.15	30000	30000	30000	30000	2.85	0.10
CMC0002	Prescriptive Solutions	Prescriptive Solutions	Constant Volume AHU to VAV AHU with Hydronic Reheat (EG)	Combo		20 Square Feet	\$1.13	138086	138086	138086	138086	3.35	0.02
CSG0049	Prescriptive Solutions	Prescriptive Solutions	Refrigeration Waste Heat Recovery Decreasing HVAC Heating Load	Combo		15 Tons	\$112.50	25	25	25	25	46.15	17.79
CBE0400	Prescriptive Solutions	Prescriptive Solutions	Buy Michigan (Incentives Only) (EG)	Combo		1 Units	\$0.90	39697.8	39697.8	39697.8	39697.8	0.00	0.00
CHC0017	Prescriptive Solutions	Prescriptive Solutions	Optimal Start on Air Handling Units (EG)	Combo		20 Square Feet	\$0.27	2607249	2607249	2607249	2607249	1.22	0.01
CHC0074	Prescriptive Solutions	Prescriptive Solutions	Demand Control Ventilation and Occupancy Sensor Control for HVAC Systems (EG)	Combo		15 Square Feet	\$0.18	591210	591210	591210	591210	0.08	0.01
CHC0018	Prescriptive Solutions	Prescriptive Solutions	Occupancy Sensor Control for HVAC Systems (EG)	Combo		15 Square Feet	\$0.07	54437	54437	54437	54437	0.45	0.00
CSG0031	Prescriptive Solutions	Prescriptive Solutions	Enhanced Snow/Ice Melt Controls (EG)	Combo		15 Square Feet	\$0.54	16340	16340	16340	16340	0.10	0.04
CEB0007	Prescriptive Solutions	Prescriptive Solutions	Enhanced Ventilation Control - Air Conditioning and Natural Gas Heat	Combo		10 Tons	\$90.00	2139.5	2139.5	2139.5	2139.5	308.25	4.62
CHC0072	Prescriptive Solutions	Prescriptive Solutions	Programmable Thermostats (EG)	Combo		9 Units	\$0.04	1000	1000	1000	1000	0.08	0.00
CHC0014	Prescriptive Solutions	Prescriptive Solutions	Critical Zone Supply Air Reset Control (EG)	Combo		15 Tons	\$22.50	195.8	195.8	195.8	195.8	213.12	4.04
CHG0221	Prescriptive Solutions	Prescriptive Solutions	Hydronic HVAC Pump Control (EG)	Combo		15 HP	\$72.00	6	6	6	6	32.14	0.73
CHC0071	Prescriptive Solutions	Prescriptive Solutions	Smart Thermostats with Intrinsic Occupancy Sensor Control (EG)	Combo		15 Square Feet	\$0.04	2000	2000	2000	2000	0.00	0.00
CSG0040	Prescriptive Solutions	Prescriptive Solutions	Roof Insulation R18 to R20 (EG)	Combo		30 Square Feet	\$0.02	479511.8	479511.8	479511.8	479511.8	0.01	0.00
CSG0042	Prescriptive Solutions	Prescriptive Solutions	Roof Insulation R20 to R22 (EG)	Combo		30 Square Feet	\$0.02	363407.8	363407.8	363407.8	363407.8	0.01	0.00
CSG0044	Prescriptive Solutions	Prescriptive Solutions	Roof Insulation R22 to R24 (EG)	Combo		30 Square Feet	\$0.02	356114.8	356114.8	356114.8	356114.8	0.01	0.00
CSG0036	Prescriptive Solutions	Prescriptive Solutions	Roof Insulation R14 to R18 (EG)	Combo		30 Square Feet	\$0.07	327361	327361	327361	327361	0.03	0.00
CSG0032	Prescriptive Solutions	Prescriptive Solutions	Roof Insulation R10 to R18 (EG)	Combo		30 Square Feet	\$0.14	114210.8	114210.8	114210.8	114210.8	0.04	0.01
CSG0038	Prescriptive Solutions	Prescriptive Solutions	Roof Insulation R16 to R18 (EG)	Combo		30 Square Feet	\$0.02	59560	59560	59560	59560	0.02	0.00
CSG0034	Prescriptive Solutions	Prescriptive Solutions	Roof Insulation R12 to R18 (EG)	Combo		30 Square Feet	\$0.11	37100	37100	37100	37100	0.03	0.01
CSC0106	Prescriptive Solutions	Prescriptive Solutions	Wall Insulation (EG)	Combo		30 Square Feet	\$0.54	2080	2080	2080	2080	0.16	0.44
CSC0039	Prescriptive Solutions	Prescriptive Solutions	Attic Roof Insulation (EG)	Combo		30 Square Feet	\$0.27	1500	1500	1500	1500	0.36	0.03
CHC0082	Prescriptive Solutions	Prescriptive Solutions	Infrared Heaters (EG)	Combo		15 MBH	\$8.10	28350	28350	28350	28350	97.83	0.30
CRE0006	Prescriptive Solutions	Prescriptive Solutions	Reduced/Optimized Air Changes per hour (ACH) (EG)	Combo		15 CFM	\$2.48	2943	2943	2943	2943	8.13	0.21
CSC0042	Prescriptive Solutions	Prescriptive Solutions	BOC (Combo)	Combo		5 Units	\$990.00	8	8	8	8	19486.57	138.33
CHC0020	Prescriptive Solutions	Prescriptive Solutions	Process Steam Supply Piping- Conditioned Space (EG)	Combo		20 Linear Feet	\$2.70	30	30	30	30	0.00	0.15
CSC0047	Prescriptive Solutions	Prescriptive Solutions	Commercial Kitchen Ventilation Control (EG)	Combo		20 CFM	\$0.45	7770	7770	7770	7770	0.92	0.04
CSC0028	Prescriptive Solutions	Prescriptive Solutions	Reach-In Refrigerated Case Doors - Medium Temperature (EG)	Combo		12 Linear Feet	\$90.00	120	120	120	120	477.76	4.41
RTE0020-2027	Appliance Recycling	Appliance Recycling	Refrigerator Recycling	Electric		8 Units	\$45.00	0	20700	20700	20700	618.14	0.00
RTE0021-2027	Appliance Recycling	Appliance Recycling	Freezer Recycling	Electric		8 Units	\$45.00	0	4000	4000	4000	426.68	0.00

Measure Code	Raw Data Program Name	Program	Measure Name	Fuel	Measure Life, 2026 (Years)	Units	Incentive, 2026 (\$)	Units Installed				Unit Energy Savings	
								2026	2027	2028	2029	Electricity, Net (kWh)	Natural Gas, Net (Mcf)
CBNEW-PRC1	Prescriptive	Prescriptive Solutions	Process Refrig and Cooling	Electric	15 Units		\$34,982.51	145	145	145	145	241379.31	0.00
CBNEW-VC1	Prescriptive	Prescriptive Solutions	Ventilation and Circulation	Electric	10 Units		\$26,808.03	122	122	122	122	184975.41	0.00
CBNEW-RTU1	Prescriptive	Prescriptive Solutions	Rooftop Units	Electric	15 Units		\$21,702.39	142	142	142	142	149746.47	0.00
NEWRadonFan	Marketplace - Residential	Retail Rebates	NEWRadonFan	Electric	10 Units		\$10.00	0	10	15	20	322.00	0.00
CDENew-LED1	Small Business Solutions	Small Business	LEDs Interior - Tier 2	Electric	3 per kWh reduced		\$0.16	3000	3000	3000	3000	0.88	0.00
CDENew-LED2	Small Business Solutions	Small Business	LEDs Interior - Tier 3	Electric	3 per kWh reduced		\$0.14	1000	1000	1000	1000	0.88	0.00
CDENew-LED3	Small Business Solutions	Small Business	LEDs Exterior - Tier 2	Electric	12 per kWh reduced		\$0.16	1200	1200	1200	1200	0.88	0.00
CDENew-LED4	Small Business Solutions	Small Business	LEDs Exterior - Tier 3	Electric	12 per kWh reduced		\$0.14	400	400	400	400	0.88	0.00
CDENew-LED5	Small Business Solutions	Small Business	Custom LED Interior - Tier 2	Electric	15 per kWh reduced		\$0.16	1200	1200	1200	1200	0.88	0.00
CDENew-LED6	Small Business Solutions	Small Business	Custom LED Interior - Tier 3	Electric	15 per kWh reduced		\$0.14	400	400	400	400	0.88	0.00
CDENew-LED7	Small Business Solutions	Small Business	Custom Exterior LED - Tier 2	Electric	12 per kWh reduced		\$0.16	90	90	90	90	0.88	0.00
CDENew-LED8	Small Business Solutions	Small Business	Custom Exterior LED - Tier 3	Electric	12 per kWh reduced		\$0.14	30	30	30	30	0.88	0.00
CDENew-LED9	Small Business Solutions	Small Business	Custom Signs - Tier 2	Electric	6 per kWh reduced		\$0.16	45	45	45	45	0.88	0.00
CDENew-LED10	Small Business Solutions	Small Business	Custom Signs - Tier 3	Electric	6 per kWh reduced		\$0.14	15	15	15	15	0.88	0.00
CDENew-CUS11	Small Business Solutions	Small Business	Pseudo-Custom	Electric	12 per kWh reduced		\$4,259,234.02	1	1	1	1	2500000.00	0.00
EJ40-AR1	Appliance Recycling	Appliance Recycling	LMI-EJ40 Appliance Recycling-Additional Savings	Electric	8.51 Units		\$0.00	1	1	1	1	2265903.10	0.00
EJ40-RR1	Retail Rebates	Retail Rebates	LMI-EJ40 Energy Star Appliances-Additional Savings	Electric	8.52 Units		\$0.00	1	1	1	1	582022.40	2995.62
EJ40-CR1	Contractor Rebates - Home Solutions	Contractor Rebates	LMI-EJ40 HVAC and Water Heating-Additional Savings	Electric	13.54 Units		\$0.00	1	1	1	1	258895.37	20590.40
EJ40-AB1	Assessments and Behavioral	Assessments and Behavioral	LMI-EJ40 Home Energy Analysis-Additional Savings	Electric	7.47 Units		\$0.00	1	1	1	1	336826.43	14573.10
EJ40-AB2	Assessments and Behavioral	Assessments and Behavioral	LMI-EJ40 Home Energy Analysis - Electric-Additional Savings	Electric	5.92 Units		\$0.00	1	1	1	1	230294.55	0.00
EJ40-CR2	Contractor Rebates - Home Solutions	Contractor Rebates	LMI-EJ40 Home Performance with Energy Star-Additional Savings	Electric	19.84 Units		\$0.00	1	1	1	1	4309.25	478.44
EJ40-CR3	Contractor Rebates - Home Solutions	Contractor Rebates	LMI-EJ40 Insulation and Windows-Additional Savings	Electric	23.71 Units		\$0.00	1	1	1	1	28055.09	2224.71
EJ40-MP1	Marketplace - Residential	Retail Rebates	LMI-EJ40 Marketplace-Additional Savings	Electric	8.98 Units		\$0.00	1	1	1	1	304673.23	6209.71
EJ40-CR4	Contractor Rebates - New Construction	Contractor Rebates	LMI-EJ40 New Home Construction-Additional Savings	Electric	20 Units		\$0.00	1	1	1	1	172046.09	6361.52
EJ40-RR1	Retail Rebates	Retail Rebates	LMI-EJ40 Energy Star Appliances-Additional Savings	Electric	8.52 Units		\$0.00	1	1	1	1	582022.40	2995.62
EJ40-CR1	Contractor Rebates - Home Solutions	Contractor Rebates	LMI-EJ40 HVAC and Water Heating-Additional Savings	Electric	13.54 Units		\$0.00	1	1	1	1	258895.37	20590.40
EJ40-AB1	Assessments and Behavioral	Assessments and Behavioral	LMI-EJ40 Home Energy Analysis-Additional Savings	Electric	7.47 Units		\$0.00	1	1	1	1	336826.43	14573.10
EJ40-CR2	Contractor Rebates - Home Solutions	Contractor Rebates	LMI-EJ40 Home Performance with Energy Star-Additional Savings	Electric	19.84 Units		\$0.00	1	1	1	1	4309.25	478.44
EJ40-CR3	Contractor Rebates - Home Solutions	Contractor Rebates	LMI-EJ40 Insulation and Windows-Additional Savings	Electric	23.71 Units		\$0.00	1	1	1	1	28055.09	2224.71
EJ40-MP1	Marketplace - Residential	Retail Rebates	LMI-EJ40 Marketplace-Additional Savings	Electric	8.98 Units		\$0.00	1	1	1	1	304673.23	6209.71
EJ40-CR4	Contractor Rebates - New Construction	Contractor Rebates	LMI-EJ40 New Home Construction-Additional Savings	Electric	20 Units		\$0.00	1	1	1	1	172046.09	6361.52

Consumers Energy - Energy Waste Reduction Program Recommended Financial Incentive Structure for Electric											
Legislative First Year Savings			Metric 1: Lifetime Savings (MWh)			Metric 2: Low Income Investment			Metric 3: Low Income Targeted Measure Installations		
			Minimum Basis (100%) 2026 = 4,453,937 2027 = 4,466,791 2028 = 4,471,214 2029 = 4,454,713			Minimum Basis (100%) 2026 = 15% of portfolio 2027 = 15% of portfolio 2028 = 15% of portfolio 2029 = 25% of portfolio			Minimum Basis (100%) 2026 = 6,345 2027 = 6,472 2028 = 6,602 2029 = 6,734		
			Weighted at 80%			Weighted at 10%			Weighted at 15%		
	% Savings	% Incentive	Weight	% Incentive	Weight	% Incentive	Weight	% Incentive	Weight	% Incentive	Weight
Tier 1	1.50%	15.00%	Tier 1	100.0%	12.00%	Tier 1	100.0%	1.50%	Tier 1	100.0%	2.25%
	1.51%	15.15%		101.0%	12.12%		101.0%	1.52%		100.7%	2.27%
	1.52%	15.30%		101.9%	12.24%		102.0%	1.53%		101.5%	2.30%
	1.53%	15.45%		102.9%	12.36%		103.0%	1.55%		102.2%	2.32%
	1.54%	15.60%		103.8%	12.48%		104.0%	1.56%		103.0%	2.34%
	1.55%	15.75%		104.8%	12.60%		105.0%	1.58%		103.7%	2.36%
	1.56%	15.90%		105.8%	12.72%		106.0%	1.59%		104.5%	2.39%
	1.57%	16.05%		106.7%	12.84%		107.0%	1.61%		105.2%	2.41%
	1.58%	16.20%		107.7%	12.96%		108.0%	1.62%		106.0%	2.43%
	1.59%	16.35%		108.7%	13.08%		109.0%	1.64%		106.7%	2.45%
	1.60%	16.50%		109.6%	13.20%		110.0%	1.65%		107.5%	2.48%
	1.61%	16.65%		110.6%	13.32%		110.9%	1.67%		108.2%	2.50%
	1.62%	16.80%		111.5%	13.44%		111.9%	1.68%		109.0%	2.52%
	1.63%	16.95%		112.5%	13.56%		112.9%	1.70%		109.7%	2.54%
	1.64%	17.10%		113.5%	13.68%		113.9%	1.71%		110.4%	2.57%
	1.65%	17.25%		114.4%	13.80%		114.9%	1.73%		111.2%	2.59%
Tier 2	1.66%	17.50%	Tier 2	115.4%	14.00%	Tier 2	115.9%	1.75%	Tier 2	111.9%	2.63%
	1.67%	17.65%		116.3%	14.12%		116.9%	1.77%		112.7%	2.65%
	1.68%	17.80%		117.3%	14.24%		117.9%	1.78%		113.4%	2.67%
	1.69%	17.95%		118.3%	14.36%		118.9%	1.80%		114.2%	2.69%
	1.70%	18.10%		119.2%	14.48%		119.9%	1.81%		114.9%	2.72%
	1.71%	18.25%		120.2%	14.60%		120.9%	1.83%		115.7%	2.74%
	1.72%	18.40%		121.2%	14.72%		121.9%	1.84%		116.4%	2.76%
	1.73%	18.55%		122.1%	14.84%		122.9%	1.86%		117.2%	2.78%
	1.74%	18.70%		123.1%	14.96%		123.9%	1.87%		117.9%	2.81%
	1.75%	18.85%		124.0%	15.08%		124.9%	1.89%		118.7%	2.83%
	1.76%	19.00%		125.0%	15.20%		125.9%	1.90%		119.4%	2.85%
	1.77%	19.15%		126.0%	15.32%		126.9%	1.92%		120.1%	2.87%
	1.78%	19.30%		126.9%	15.44%		127.9%	1.93%		120.9%	2.90%
	1.79%	19.45%		127.9%	15.56%		128.9%	1.95%		121.6%	2.92%
	1.80%	19.60%		128.9%	15.68%		129.9%	1.96%		122.4%	2.94%
	1.81%	19.75%		129.8%	15.80%		130.8%	1.98%		123.1%	2.96%
	1.82%	19.90%		130.8%	15.92%		131.8%	1.99%		123.9%	2.99%
Tier 3	1.83%	20.00%	Tier 3	131.7%	16.00%	Tier 3	132.8%	2.00%	Tier 3	124.6%	3.00%
	1.84%	20.15%		132.7%	16.12%		133.8%	2.02%		125.4%	3.02%
	1.85%	20.30%		133.7%	16.24%		134.8%	2.03%		126.1%	3.05%
	1.86%	20.45%		134.6%	16.36%		135.8%	2.05%		126.9%	3.07%
	1.87%	20.60%		135.6%	16.48%		136.8%	2.06%		127.6%	3.09%
	1.88%	20.75%		136.5%	16.60%		137.8%	2.08%		128.4%	3.11%
	1.89%	20.90%		137.5%	16.72%		138.8%	2.09%		129.1%	3.14%
	1.90%	21.05%		138.5%	16.84%		139.8%	2.11%		129.9%	3.16%
	1.91%	21.20%		139.4%	16.96%		140.8%	2.12%		130.6%	3.18%
	1.92%	21.35%		140.4%	17.08%		141.8%	2.14%		131.3%	3.20%
	1.93%	21.50%		141.4%	17.20%		142.8%	2.15%		132.1%	3.23%
	1.94%	21.65%		142.3%	17.32%		143.8%	2.17%		132.8%	3.25%
	1.95%	21.80%		143.3%	17.44%		144.8%	2.18%		133.6%	3.27%
	1.96%	21.95%		144.2%	17.56%		145.8%	2.20%		134.3%	3.29%
	1.97%	22.10%		145.2%	17.68%		146.8%	2.21%		135.1%	3.32%
	1.98%	22.25%		146.2%	17.80%		147.8%	2.23%		135.8%	3.34%
	1.99%	22.40%		147.1%	17.92%		148.8%	2.24%		136.6%	3.36%
Tier 4	2.00%	22.50%	Tier 4	148.1%	18.00%	Tier 4	149.8%	2.25%	Tier 4	137.3%	3.38%
	2.01%	22.65%		149.0%	18.12%		150.7%	2.27%		138.1%	3.40%
	2.02%	22.80%		150.0%	18.24%		151.7%	2.28%		138.8%	3.42%
	2.03%	22.95%		151.0%	18.36%		152.7%	2.30%		139.6%	3.44%
	2.04%	23.10%		151.9%	18.48%		153.7%	2.31%		140.3%	3.47%
	2.05%	23.25%		152.9%	18.60%		154.7%	2.33%		141.0%	3.49%
	2.06%	23.40%		153.9%	18.72%		155.7%	2.34%		141.8%	3.51%
	2.07%	23.55%		154.8%	18.84%		156.7%	2.36%		142.5%	3.53%
	2.08%	23.70%		155.8%	18.96%		157.7%	2.37%		143.3%	3.56%
	2.09%	23.85%		156.7%	19.08%		158.7%	2.39%		144.0%	3.58%
	2.10%	24.00%		157.7%	19.20%		159.7%	2.40%		144.8%	3.60%
	2.11%	24.15%		158.7%	19.32%		160.7%	2.42%		145.5%	3.62%
	2.12%	24.30%		159.6%	19.44%		161.7%	2.43%		146.3%	3.65%
	2.13%	24.45%		160.6%	19.56%		162.7%	2.45%		147.0%	3.67%
	2.14%	24.60%		161.6%	19.68%		163.7%	2.46%		147.8%	3.69%
	2.15%	24.75%		162.5%	19.80%		164.7%	2.48%		148.5%	3.71%
	2.16%	24.90%		163.5%	19.92%		165.7%	2.49%		149.3%	3.74%
Tier 5	2.17%	25.00%	Tier 5	164.4%	20.00%	Tier 5	166.7%	2.50%	Tier 5	150.0%	3.75%

Note: The financial incentive is the minimum of the first savings incentive or total metric incentive calculated by adding up the percentages earned in each of the 2 metrics. The total incentive award can not exceed the award based on the Company's 1st energy savings achieved. (Financial incentive payment can not exceed 25% of program spend, or 35% of net benefits).

Consumers Energy - Energy Waste Reduction Program Recommended Financial Incentive Structure for Gas														
Legislative First Year Savings		Metric 1: Lifetime Savings (Mcf)			Metric 2: Low Income Investment			Metric 3: Low Income Targeted Measure Installations			Metric 4: Percent of Spend to Reduce Heating Load			
		Minimum Basis (100%) 2026 = 25,081,041 2027 = 25,088,754 2029 = 25,177,329 2028 = 25,123,286			Minimum Basis (100%) 2026 = 29.75% of portfolio 2027 = 29.75% of portfolio 2028 = 29.75% of portfolio 2029 = 35% of portfolio			Minimum Basis (100%) 2026 = 13,158 2027 = 13,421 2028 = 13,690 2029 = 13,963			Minimum Basis (100%) 2026 = 67% 2027 = 67% 2028 = 67% 2029 = 67%			
		Weighted at 80%			Weighted at 10%			Weighted at 15%			Additional Incentive			
		% Savings	% Incentive	Weight	% Incentive	Weight	% Incentive	Weight	% Incentive	% Spend	% Incentive			
Tier 1	0.875%	10.00%	Tier 1	100.0%	8.00%	Tier 1	100.0%	1.00%	Tier 1	100.0%	1.50%	Tier 1	67.0%	2.50%
	0.880%	10.40%		101.1%	8.32%		100.2%	1.04%		100.7%	1.56%			
	0.885%	10.80%		101.1%	8.64%		100.5%	1.08%		101.3%	1.62%			
	0.890%	11.20%		101.7%	8.96%		100.7%	1.12%		102.0%	1.68%			
	0.895%	11.60%		102.3%	9.28%		100.9%	1.16%		102.7%	1.74%			
	0.900%	12.00%		102.9%	9.60%		101.2%	1.20%		103.3%	1.80%			
	0.905%	12.40%		103.4%	9.92%		101.4%	1.24%		104.0%	1.86%			
	0.910%	12.80%		104.0%	10.24%		101.6%	1.28%		104.7%	1.92%			
	0.915%	13.20%		104.6%	10.56%		101.9%	1.32%		105.3%	1.98%			
	0.920%	13.60%		105.1%	10.88%		102.1%	1.36%		106.0%	2.04%			
	0.925%	14.00%		105.7%	11.20%		102.4%	1.40%		106.7%	2.10%			
	0.930%	14.40%		106.3%	11.52%		102.6%	1.44%		107.3%	2.16%			
	0.935%	14.80%		106.9%	11.84%		102.8%	1.48%		108.0%	2.22%			
	0.940%	15.20%		107.4%	12.16%		103.1%	1.52%		108.7%	2.28%			
	0.945%	15.60%		108.0%	12.48%		103.3%	1.56%		109.3%	2.34%			
	0.950%	16.00%		108.6%	12.80%		103.5%	1.60%		110.0%	2.40%			
	0.955%	16.40%		109.1%	13.12%		103.8%	1.64%		110.7%	2.46%			
	0.960%	16.80%		109.7%	13.44%		104.0%	1.68%		111.3%	2.52%			
	0.965%	17.20%		110.3%	13.76%		104.2%	1.72%		112.0%	2.58%			
	0.970%	17.60%		110.9%	14.08%		104.5%	1.76%		112.7%	2.64%			
	0.975%	18.00%		111.4%	14.40%		104.7%	1.80%		113.3%	2.70%			
	0.980%	18.40%		112.0%	14.72%		104.9%	1.84%		114.0%	2.76%			
	0.985%	18.80%		112.6%	15.04%		105.2%	1.88%		114.7%	2.82%			
	0.990%	19.20%		113.1%	15.36%		105.4%	1.92%		115.3%	2.88%			
	0.995%	19.60%		113.7%	15.68%		105.6%	1.96%		116.0%	2.94%			
Tier 2	1.00%	20.00%	Tier 2	114.3%	16.00%	Tier 2	105.9%	2.00%	Tier 2	116.7%	3.00%			
	1.005%	20.05%		114.9%	16.04%		106.1%	2.01%		117.3%	3.01%			
	1.010%	20.10%		115.4%	16.08%		106.4%	2.01%		118.0%	3.02%			
	1.015%	20.15%		116.0%	16.12%		106.6%	2.02%		118.7%	3.02%			
	1.020%	20.20%		116.6%	16.16%		106.8%	2.02%		119.3%	3.03%			
	1.025%	20.25%		117.1%	16.20%		107.1%	2.03%		120.0%	3.04%			
	1.030%	20.30%		117.7%	16.24%		107.3%	2.03%		120.7%	3.05%			
	1.035%	20.35%		118.3%	16.28%		107.5%	2.04%		121.3%	3.05%			
	1.040%	20.40%		118.9%	16.32%		107.8%	2.04%		122.0%	3.05%			
	1.045%	20.45%		119.4%	16.36%		108.0%	2.05%		122.7%	3.07%			
	1.050%	20.50%		120.0%	16.40%		108.2%	2.05%		123.3%	3.08%			
	1.055%	20.55%		120.6%	16.44%		108.5%	2.06%		124.0%	3.08%			
	1.060%	20.60%		121.1%	16.48%		108.7%	2.06%		124.7%	3.09%			
	1.065%	20.65%		121.7%	16.52%		108.9%	2.07%		125.3%	3.10%			
	1.070%	20.70%		122.3%	16.56%		109.2%	2.07%		126.0%	3.11%			
	1.075%	20.75%		122.9%	16.60%		109.4%	2.08%		126.7%	3.11%			
	1.080%	20.80%		123.4%	16.64%		109.6%	2.08%		127.3%	3.12%			
	1.085%	20.85%		124.0%	16.68%		109.9%	2.09%		128.0%	3.13%			
	1.090%	20.90%		124.6%	16.72%		110.1%	2.09%		128.7%	3.14%			
	1.095%	20.95%		125.1%	16.76%		110.4%	2.10%		129.3%	3.14%			
	1.100%	21.00%		125.7%	16.80%		110.6%	2.10%		130.0%	3.15%			
	1.105%	21.05%		126.3%	16.84%		110.8%	2.11%		130.7%	3.16%			
	1.110%	21.10%		126.9%	16.88%		111.1%	2.11%		131.3%	3.17%			
	1.115%	21.15%		127.4%	16.92%		111.3%	2.12%		132.0%	3.17%			
	1.120%	21.20%		128.0%	16.96%		111.5%	2.12%		132.7%	3.18%			
	1.125%	21.25%		128.6%	17.00%		111.8%	2.13%		133.3%	3.19%			
	1.130%	21.30%		129.1%	17.04%		112.0%	2.13%		134.0%	3.20%			
	1.135%	21.35%		129.7%	17.08%		112.2%	2.14%		134.7%	3.20%			
	1.140%	21.40%		130.3%	17.12%		112.5%	2.15%		135.3%	3.21%			
	1.145%	21.45%		130.9%	17.16%		112.7%	2.15%		136.0%	3.22%			
	1.150%	21.50%		131.4%	17.20%		112.9%	2.16%		136.7%	3.23%			
	1.155%	21.55%		132.0%	17.24%		113.2%	2.16%		137.3%	3.23%			
	1.160%	21.60%		132.6%	17.28%		113.4%	2.17%		138.0%	3.24%			
	1.165%	21.65%		133.1%	17.32%		113.6%	2.17%		138.7%	3.25%			
	1.170%	21.70%		133.7%	17.36%		113.9%	2.17%		139.3%	3.26%			
	1.175%	21.75%		134.3%	17.40%		114.1%	2.18%		140.0%	3.26%			
	1.180%	21.80%		134.9%	17.44%		114.4%	2.18%		140.7%	3.27%			
	1.185%	21.85%		135.4%	17.48%		114.6%	2.19%		141.3%	3.28%			
	1.190%	21.90%		136.0%	17.52%		114.8%	2.19%		142.0%	3.29%			
	1.195%	21.95%		136.6%	17.56%		115.1%	2.20%		142.7%	3.29%			
	1.200%	22.00%		137.1%	17.60%		115.3%	2.20%		143.3%	3.30%			
	1.205%	22.05%		137.7%	17.64%		115.5%	2.21%		144.0%	3.31%			
	1.210%	22.10%		138.3%	17.68%		115.8%	2.21%		144.7%	3.32%			
	1.215%	22.15%		138.9%	17.72%		116.0%	2.22%		145.3%	3.32%			
	1.220%	22.20%		139.4%	17.76%		116.2%	2.23%		146.0%	3.33%			
	1.225%	22.25%		140.0%	17.80%		116.5%	2.23%		146.7%	3.34%			
	1.230%	22.30%		140.6%	17.84%		116.7%	2.24%		147.3%	3.35%			
	1.235%	22.35%		141.1%	17.88%		116.9%	2.24%		148.0%	3.35%			
	1.240%	22.40%		141.7%	17.92%		117.2%	2.25%		148.7%	3.36%			
	1.245%	22.45%		142.3%	17.96%		117.4%	2.25%		149.3%	3.37%			
Tier 3	1.250%	22.50%	Tier 3	142.9%	18.00%	Tier 3	117.6%	2.25%	Tier 3	150.0%	3.38%			

Note: The financial incentive is the minimum of the first savings incentive or total metric incentive calculated by adding up the percentages earned in each of the 2 metrics. The total incentive award can not exceed the award based on the Company's 1st energy savings achieved. (Financial incentive payment can not exceed 22.5% of program spend, or 32.5% of net benefits, plus the 2.5% of spend additional metric for reducing gas heating load).

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter, on the Commission's own motion,)
regarding the regulatory reviews, revisions,)
determinations, and/or approvals necessary for)
CONSUMERS ENERGY COMPANY to fully)
comply with Public Act 295 of 2008, as amended)
_____)

Case No. U-21680

DIRECT TESTIMONY
OF
EUGÈNE M. BREURING
ON BEHALF OF
CONSUMERS ENERGY COMPANY

August 2025

EUGÈNE M. BREURING
U-21680 DIRECT TESTIMONY

1 **Q. Please state your name and business address.**

2 A. My name is Eugène M. Breuring, and my business address is One Energy Plaza, Jackson,
3 Michigan.

4 **Q. By whom are you employed and in what capacity?**

5 A. I am employed by Consumers Energy Company (“Consumers Energy” or the “Company”)
6 as a Senior Rate Analyst III in the Planning, Budgeting & Analysis Section of the Rates &
7 Regulation and Quality Department.

8 **Q. Please describe your qualifications.**

9 A. In 1992, I graduated from Grand Valley State University with a Bachelor of Business
10 Administration in Accounting. In 1996, I graduated from Thunderbird School of Global
11 Management with a Master of Business Administration in International Management.
12 I have also attended trade-specific conferences and seminars related to Michigan and
13 United States economies, Michigan economic forecasts, as well as regression modeling.

14 Prior to joining Consumers Energy in 2013, I worked at the Kellogg Company,
15 Tecumseh Products Company, and Stryker Corporation, mostly in a financial planning,
16 budgeting, and forecasting capacity. In January 2013, I accepted the position of Senior
17 Rate Analyst II. In 2020, I was promoted to Senior Analyst III, and again in 2023 to
18 Principal Sales Forecasting Analyst, which is my current position at Consumers Energy.
19 In this capacity, I am responsible for preparing the Company’s official electric deliveries
20 and customer forecasts, sponsoring the deliveries and customer forecast testimony and
21 exhibits, industry research, and various economic studies. Also, I am responsible for
22 creating the Company’s revenue forecast related to the electric business.

23

EUGÈNE M. BREURING
U-21680 DIRECT TESTIMONY

1 **Q. Have you sponsored testimony in any previous cases before the Michigan Public**
2 **Service Commission (“MPSC” or the “Commission”)?**

3 **A. Yes, I have presented the Company’s electric and gas sales forecasts in the following cases:**

- 4 U-17771 2016 – 2017 Energy Optimization Plan;
5 U-17990 General Electric Rate Case;
6 U-18142 2017 Power Supply Cost Recovery (“PSCR”) Plan;
7 U-18231 2017 Biennial Renewable Energy Plan;
8 U-18261 Amended Energy Optimization Plan;
9 U-18322 General Electric Rate Case;
10 U-18402 2018 PSCR Plan;
11 U-20134 General Electric Rate Case;
12 U-20165 2018 Integrated Resource Plan (“IRP”);
13 U-20219 2019 PSCR Plan;
14 U-20372 2019 Energy Waste Reduction (“EWR”) Electric and Gas Plan;
15 U-20525 2020 PSCR Plan;
16 U-20697 General Electric Rate Case;
17 U-20802 2021 PSCR Plan;
18 U-20875 2022-2025 EWR Plan;
19 U-20963 General Electric Rate Case;
20 U-21048 2022 PSCR Plan;
21 U-21090 2021 IRP;
22 U-21257 2023 PSCR Plan;
23 U-21321 2024-2025 EWR Plan;

EUGÈNE M. BREURING
U-21680 DIRECT TESTIMONY

1 U-21389 General Electric Rate Case;
2 U-21423 2024 PSCR Plan;
3 U-21585 General Electric Rate Case;
4 U-21592 2025 PSCR Plan;
5 U-21816 Amended RE Plan; and
6 U-21870 General Electric Rate Case.

7 **PART I - INTRODUCTION**

8 **Q. Please explain the purpose of your direct testimony in this proceeding.**

9 A. I am presenting the historical and forecasted sales and revenues used in developing the
10 Company's 2026-2029 EWR Plan.

11 **Q. Are you sponsoring any exhibits in this case?**

12 A. Yes. I am providing the following exhibits:

13	<u>Exhibits</u>	<u>Description</u>
14	A-4 (EMB-1)	Electric Retail Weather-Normal Calendar Deliveries
15		Forecast;
16	A-5 (EMB-2)	Gas Retail Weather-Normal Deliveries Forecast;
17	A-6 (EMB-3)	Billing Determinants Used for Developing the
18		Electric EWR Surcharges;
19	A-7 (EMB-4)	Billing Determinants Used for Developing the
20		Electric Self-Direct EWR Surcharges; and
21	A-8 (EMB-5)	Billing Determinants Used For Developing The Gas
22		EWR Surcharges.

23 **Q. Were these exhibits prepared by you or under your direct supervision?**

24 A. Yes.

PART II – ELECTRIC & GAS RETAIL DELIVERIES

1
2 **Q. Please describe Exhibit A-4 (EMB-1).**

3 A. This exhibit details the weather-normal electric deliveries currently approved for use in
4 calculating the electric statutory savings targets. Exhibit A-4 (EMB-1) is a single-page
5 exhibit that shows the electric retail weather-normal deliveries forecast by customer class.
6 Additionally, this exhibit (in columns (h) and (i)), shows deliveries associated with electric
7 vehicles (“EV”) and data centers (“DC”), which are included in the total deliveries.
8 Furthermore, this exhibit shows the previous three-year averages in columns (j) through
9 (m). Company witness Theodore A. Ykimoff further discusses these averages in direct
10 testimony.

11 **Q. How has the Commission defined electric retail deliveries for purposes of the**
12 **Company’s EWR Plan?**

13 A. The Commission defined electric retail deliveries in its December 4, 2008 Temporary
14 Order in Case U-15800. In that Order, the Commission defined retail deliveries to include
15 residential, commercial, industrial, street lighting, and interdepartmental electric
16 deliveries.

17 **Q. Please describe Exhibit A-5 (EMB-2).**

18 A. This exhibit provides the currently approved weather-normal gas deliveries for use in
19 calculating the natural gas statutory savings targets. Exhibit A-5 (EMB-2) is a single-page
20 exhibit that shows the gas retail weather-normal deliveries forecast by customer class.

21 To calculate the previous three-year average deliveries, column (j), electric
22 generation, column (h), has been removed.

EUGÈNE M. BREURING
U-21680 DIRECT TESTIMONY

1 **Q. How has the Commission defined gas retail deliveries for purposes of the Company's**
2 **EWR Plan?**

3 A. The Commission defined gas retail deliveries in its December 4, 2008 Temporary Order in
4 Case No. U-15800. In that Order, the Commission defined gas retail deliveries as gas
5 deliveries including customer choice and transportation volumes.

6 **PART III – FORECASTED BILLING DETERMINANT FORECASTS**

7 **Q. Please describe Exhibits A-6 (EMB-3) and A-7 (EMB-4).**

8 A. Exhibits A-6 (EMB-3) and A-7 (EMB-4) contain the electric forecasted billing
9 determinants used in developing the proposed electric EWR Plan surcharges. Exhibit A-6
10 (EMB-3) provides the forecasted billing determinants for customers participating in the
11 Company's EWR programs. Exhibit A-7 (EMB-4) provides the forecasted billing
12 determinants for those customers electing instead to self-direct.

13 **Q. Please describe Exhibit A-8 (EMB-5).**

14 A. Exhibit A-8 (EMB-5) is a two-page exhibit providing the forecasted gas billing
15 determinants used in developing the proposed gas EWR Plan surcharges.

16 **Q. Does this conclude your direct testimony?**

17 A. Yes.

STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter, on the Commission's own motion,)
regarding the regulatory reviews, revisions,)
determinations, and/or approvals necessary for)
CONSUMERS ENERGY COMPANY to fully)
comply with Public Act 295 of 2008, as amended)
_____)

Case No. U-21680

EXHIBITS
OF
EUGÈNE M. BREURING
ON BEHALF OF
CONSUMERS ENERGY COMPANY

August 2025

MICHIGAN PUBLIC SERVICE COMMISSION
Consumers Energy Company

Electric Retail Weather-Normal Calendar Deliveries Forecast
 2025 - 2029 Forecast
 Megawatt-hours (MWh)

Case No.: U-21680
 Exhibit No.: A-4 (EMB-1)
 Page: 1 of 1
 Witness: EMBreuring
 Date: August 2025

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
Line No.	Year	Residential	Commercial	Industrial	Street Lighting	Inter-departmental	Total	Electric Vehicles (EV)	New Data Centers (DC)	Previous Three-year Average			
										Non-Adjusted Total	Excluding EV Only	Excluding DC Only	Excluding EV and DC
										<i>Avg. col. (g)</i>	<i>Avg. col. (g)-(h)</i>	<i>Avg. col. (g)-(i)</i>	<i>Avg. col. (g)-(h)-(i)</i>
1	2023 Hist	12,597,066	11,657,466	8,553,448	109,168	31,886	32,949,035						
2	2024 Hist	12,571,437	11,711,172	8,531,481	104,093	30,249	32,948,433						
3	2025 Fcst	12,460,374	11,524,921	9,217,448	116,398	30,417	33,349,558	201,716	68,938				
4	2026 Fcst	12,375,261	11,362,761	10,101,716	115,201	30,565	33,985,503	272,190	478,624	33,082,342	33,015,103	33,059,363	32,992,124
5	2027 Fcst	12,480,237	11,348,568	10,403,041	114,016	30,490	34,376,351	431,799	897,842	33,427,831	33,269,862	33,245,311	33,087,342
6	2028 Fcst	12,544,730	11,296,157	10,784,256	112,967	30,589	34,768,700	677,054	1,379,414	33,903,804	33,601,902	33,422,003	33,120,101
7	2029 Fcst	12,812,639	11,344,511	11,098,974	112,967	30,523	35,399,613	982,204	1,776,225	34,376,852	33,916,504	33,458,225	32,997,877

Notes:

- (1) Retail electric deliveries are defined as total utility deliveries less wholesale deliveries, intersystem deliveries, and retail open access deliveries.
- (2) Forecasted deliveries are all on a calendar, weather-normal basis.
- (3) Deliveries in columns (h) - (i) are included in Total Deliveries (column (g))

MICHIGAN PUBLIC SERVICE COMMISSION
Consumers Energy Company

Gas Retail Weather-Normal Deliveries Forecast
 2025 - 2029 Forecast
 Million Cubic Feet (MMcf)

Case No.: U-21680
 Exhibit No.: A-5 (EMB-2)
 Page: 1 of 1
 Witness: EMBreuring
 Date: August 2025

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Line No.	Year	Residential	Commercial	Industrial	Inter- departmental	Transportation	Total	Electric Generation	Total Less Generation	Previous Three-year Average
1	2023 Hist	158,252	56,552	7,639	140	85,823	308,405	20,244	288,161	
2	2024 Hist	158,269	55,751	6,875	102	81,117	302,114	18,637	283,477	
3	2025 Fcst	157,928	57,682	8,155	210	84,151	308,126	19,843	288,283	
4	2026 Fcst	157,762	57,667	8,072	210	83,873	307,583	19,843	287,740	286,640
5	2027 Fcst	157,582	57,676	7,993	210	83,582	307,043	19,843	287,200	286,500
6	2028 Fcst	157,421	57,569	7,905	209	83,169	306,273	19,843	286,430	287,741
7	2029 Fcst	157,386	57,499	7,841	208	82,893	305,827	19,843	285,985	287,123

Notes:

- (1) Retail gas deliveries are defined as total utility deliveries, including Gas Customer Choice and Transportation deliveries.
- (2) Forecasted calendar deliveries are all on a weather-normal basis.

Billing Determinants Used For
Developing The Electric Energy Waste Reduction Surcharges

Line No.	Year	Month	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i) & (j) Secondary & Primary		(k)	(l)	(m)	(n)	Total
			Residential	GUL	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6	Tier 7	Tier 8	Tier 9	Tier 10			
			MWh	fixtures	0 - 2,000 kWh/mo. Cust.	2,001 - 5,000 kWh/mo. Cust.	5,001 - 10,000 kWh/mo. Cust.	10,001 - 30,000 kWh/mo. Cust.	30,001 - 50,000 kWh/mo. Cust.	50,001 - 75,000 kWh/mo. Cust.	75,001 - 100,000 kWh/mo. Cust.	100,001 - 150,000 kWh/mo. Cust.	150,001 - 250,000 kWh/mo. Cust.	> 250,000 kWh/mo. Cust.			
1	2025	1	1,135,544	164,768	176,202	25,492	13,053	10,285	2,321	1,106	589	574	537	863	231,022		
2	2025	2	1,094,696	164,768	176,209	25,493	13,053	10,285	2,322	1,107	589	574	537	863	231,032		
3	2025	3	1,041,024	164,768	176,243	25,498	13,056	10,287	2,322	1,107	589	574	537	863	231,076		
4	2025	4	925,819	164,768	176,270	25,502	13,058	10,289	2,322	1,107	589	574	537	863	231,111		
5	2025	5	870,452	164,768	176,290	25,505	13,059	10,290	2,323	1,107	589	574	537	863	231,137		
6	2025	6	986,170	164,768	176,306	25,507	13,061	10,291	2,323	1,107	589	574	537	864	231,159		
7	2025	7	1,276,509	164,768	176,311	25,508	13,061	10,291	2,323	1,107	589	574	537	864	231,166		
8	2025	8	1,264,572	164,768	176,329	25,510	13,062	10,292	2,323	1,107	589	574	537	864	231,189		
9	2025	9	1,103,740	164,768	176,361	25,515	13,065	10,294	2,324	1,107	589	574	537	864	231,230		
10	2025	10	908,718	164,768	176,366	25,516	13,065	10,295	2,324	1,108	589	574	537	864	231,238		
11	2025	11	910,138	164,768	176,398	25,520	13,067	10,296	2,324	1,108	590	574	538	864	231,280		
12	2025	12	1,040,024	164,768	176,410	25,522	13,068	10,297	2,324	1,108	590	574	538	864	231,295		
13	2026	1	1,152,393	165,411	176,441	25,527	13,070	10,299	2,325	1,108	590	574	538	864	231,335		
14	2026	2	1,095,595	166,043	176,447	25,527	13,071	10,299	2,325	1,108	590	574	538	864	231,343		
15	2026	3	1,043,935	166,675	176,479	25,532	13,073	10,301	2,325	1,108	590	575	538	864	231,386		
16	2026	4	912,645	167,307	176,502	25,535	13,075	10,303	2,325	1,108	590	575	538	865	231,416		
17	2026	5	853,833	167,939	176,522	25,538	13,076	10,304	2,326	1,108	590	575	538	865	231,442		
18	2026	6	973,170	168,571	176,537	25,540	13,078	10,305	2,326	1,109	590	575	538	865	231,462		
19	2026	7	1,274,955	169,203	176,538	25,541	13,078	10,305	2,326	1,109	590	575	538	865	231,463		
20	2026	8	1,247,608	169,835	176,554	25,543	13,079	10,306	2,326	1,109	590	575	538	865	231,484		
21	2026	9	1,062,998	170,468	176,584	25,547	13,081	10,307	2,327	1,109	590	575	538	865	231,523		
22	2026	10	880,345	171,100	176,586	25,547	13,081	10,307	2,327	1,109	590	575	538	865	231,525		
23	2026	11	853,277	171,732	176,615	25,552	13,083	10,309	2,327	1,109	590	575	538	865	231,565		
24	2026	12	1,041,906	172,364	176,625	25,553	13,084	10,310	2,327	1,109	590	575	538	865	231,577		
25	2027	1	1,171,051	172,996	176,652	25,557	13,086	10,311	2,327	1,109	590	575	538	865	231,612		
26	2027	2	1,102,070	173,628	176,655	25,558	13,086	10,311	2,327	1,109	590	575	538	865	231,617		
27	2027	3	1,057,446	174,260	176,685	25,562	13,089	10,313	2,328	1,110	590	575	538	865	231,656		
28	2027	4	917,107	174,881	176,706	25,565	13,090	10,314	2,328	1,110	591	575	539	866	231,684		
29	2027	5	859,372	174,881	176,723	25,567	13,091	10,315	2,328	1,110	591	575	539	866	231,706		
30	2027	6	979,446	174,881	176,736	25,569	13,092	10,316	2,329	1,110	591	575	539	866	231,723		
31	2027	7	1,289,474	174,881	176,735	25,569	13,092	10,316	2,329	1,110	591	575	539	866	231,722		
32	2027	8	1,257,907	174,881	176,748	25,571	13,093	10,317	2,329	1,110	591	575	539	866	231,739		
33	2027	9	1,066,360	174,881	176,776	25,575	13,095	10,319	2,329	1,110	591	576	539	866	231,775		
34	2027	10	888,117	174,881	176,775	25,575	13,095	10,319	2,329	1,110	591	576	539	866	231,774		
35	2027	11	851,469	174,881	176,803	25,579	13,097	10,320	2,329	1,110	591	576	539	866	231,810		
36	2027	12	1,071,921	174,881	176,809	25,580	13,098	10,321	2,329	1,110	591	576	539	866	231,819		
37	2028	1	1,167,972	174,881	176,834	25,583	13,100	10,322	2,330	1,110	591	576	539	866	231,852		
38	2028	2	1,067,375	174,881	176,835	25,584	13,100	10,322	2,330	1,110	591	576	539	866	231,853		
39	2028	3	1,056,389	174,881	176,863	25,588	13,102	10,324	2,330	1,111	591	576	539	866	231,889		
40	2028	4	928,358	174,881	176,882	25,590	13,103	10,325	2,330	1,111	591	576	539	867	231,914		
41	2028	5	869,137	174,881	176,897	25,593	13,104	10,326	2,331	1,111	591	576	539	867	231,933		
42	2028	6	952,203	174,881	176,907	25,594	13,105	10,326	2,331	1,111	591	576	539	867	231,947		
43	2028	7	1,313,917	174,881	176,904	25,594	13,105	10,326	2,331	1,111	591	576	539	867	231,943		
44	2028	8	1,268,276	174,881	176,914	25,595	13,106	10,327	2,331	1,111	591	576	539	867	231,957		
45	2028	9	1,099,781	174,881	176,940	25,599	13,107	10,328	2,331	1,111	591	576	539	867	231,990		
46	2028	10	891,124	174,881	176,937	25,598	13,107	10,328	2,331	1,111	591	576	539	867	231,986		
47	2028	11	854,928	174,881	176,962	25,602	13,109	10,329	2,331	1,111	591	576	539	867	232,019		
48	2028	12	1,078,996	174,881	176,968	25,603	13,110	10,330	2,332	1,111	591	576	539	867	232,027		
49	2029	1	1,203,852	174,881	176,990	25,606	13,111	10,331	2,332	1,111	592	576	539	867	232,057		
50	2029	2	1,099,895	174,881	176,989	25,606	13,111	10,331	2,332	1,111	592	576	539	867	232,055		
51	2029	3	1,087,620	174,881	177,015	25,610	13,113	10,333	2,332	1,112	592	576	540	867	232,088		
52	2029	4	955,798	174,881	177,031	25,612	13,114	10,333	2,332	1,112	592	576	540	867	232,109		
53	2029	5	894,970	174,881	177,043	25,614	13,115	10,334	2,333	1,112	592	576	540	867	232,126		
54	2029	6	971,089	174,881	177,051	25,615	13,116	10,335	2,333	1,112	592	577	540	867	232,137		
55	2029	7	1,360,154	174,881	177,046	25,614	13,115	10,334	2,333	1,112	592	576	540	867	232,129		
56	2029	8	1,295,356	174,881	177,054	25,615	13,116	10,335	2,333	1,112	592	577	540	867	232,140		
57	2029	9	1,143,382	174,881	177,077	25,619	13,118	10,336	2,333	1,112	592	577	540	868	232,170		
58	2029	10	869,635	174,881	177,072	25,618	13,117	10,336	2,333	1,112	592	577	540	868	232,163		
59	2029	11	853,733	174,881	177,095	25,621	13,119	10,337	2,333	1,112	592	577	540	868	232,193		
60	2029	12	1,101,646	174,881	177,097	25,621	13,119	10,337	2,333	1,112	592	577	540	868	232,196		

MICHIGAN PUBLIC SERVICE COMMISSION
Consumers Energy Company

Billing Determinants Used For
 Developing The Electric Self-Direct Energy Waste Reduction Surcharges

Case No.: U-21680
 Exhibit No.: A-7 (EMB-4)
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 Witness: EMBreuring
 Date: August 2025

Line No.	Year	(b) Month	(a) - (l)										Total	
			(c)	(d)	(e)	(f)	(g) Secondary & Primary		(h)	(i)	(j)	(k)		(l)
			Tier 1 0 - 2,000 kWh/mo. Cust.	Tier 2 2,001 - 5,000 kWh/mo. Cust.	Tier 3 5,001 - 10,000 kWh/mo. Cust.	Tier 4 10,001 - 30,000 kWh/mo. Cust.	Tier 5 30,001 - 50,000 kWh/mo. Cust.	Tier 6 50,001 - 75,000 kWh/mo. Cust.	Tier 7 75,001 - 100,000 kWh/mo. Cust.	Tier 8 100,001 - 150,000 kWh/mo. Cust.	Tier 9 150,001 - 250,000 kWh/mo. Cust.	Tier 10 > 250,000 kWh/mo. Cust.		
1	2025	1	10	16	3	45	2	4	7	30	27	55	199	
2	2025	2	10	16	3	45	2	4	7	30	27	55	199	
3	2025	3	10	16	3	45	2	4	7	30	27	55	199	
4	2025	4	10	16	3	45	2	4	7	30	27	55	199	
5	2025	5	10	16	3	45	2	4	7	30	27	55	199	
6	2025	6	10	16	3	45	2	4	7	30	27	55	199	
7	2025	7	10	16	3	45	2	4	7	30	27	55	199	
8	2025	8	10	16	3	45	2	4	7	30	27	55	199	
9	2025	9	10	16	3	45	2	4	7	30	27	55	199	
10	2025	10	10	16	3	45	2	4	7	30	27	55	199	
11	2025	11	10	16	3	45	2	4	7	30	27	55	199	
12	2025	12	10	16	3	45	2	4	7	30	27	55	199	
13	2026	1	10	16	3	45	2	4	7	30	27	55	199	
14	2026	2	10	16	3	45	2	4	7	30	27	55	199	
15	2026	3	10	16	3	45	2	4	7	30	27	55	199	
16	2026	4	10	16	3	45	2	4	7	30	27	55	199	
17	2026	5	10	16	3	45	2	4	7	30	27	55	199	
18	2026	6	10	16	3	45	2	4	7	30	27	55	199	
19	2026	7	10	16	3	45	2	4	7	30	27	55	199	
20	2026	8	10	16	3	45	2	4	7	30	27	55	199	
21	2026	9	10	16	3	45	2	4	7	30	27	55	199	
22	2026	10	10	16	3	45	2	4	7	30	27	55	199	
23	2026	11	10	16	3	45	2	4	7	30	27	55	199	
24	2026	12	10	16	3	45	2	4	7	30	27	55	199	
25	2027	1	10	16	3	45	2	4	7	30	27	55	199	
26	2027	2	10	16	3	45	2	4	7	30	27	55	199	
27	2027	3	10	16	3	45	2	4	7	30	27	55	199	
28	2027	4	10	16	3	45	2	4	7	30	27	55	199	
29	2027	5	10	16	3	45	2	4	7	30	27	55	199	
30	2027	6	10	16	3	45	2	4	7	30	27	55	199	
31	2027	7	10	16	3	45	2	4	7	30	27	55	199	
32	2027	8	10	16	3	45	2	4	7	30	27	55	199	
33	2027	9	10	16	3	45	2	4	7	30	27	55	199	
34	2027	10	10	16	3	45	2	4	7	30	27	55	199	
35	2027	11	10	16	3	45	2	4	7	30	27	55	199	
36	2027	12	10	16	3	45	2	4	7	30	27	55	199	
37	2028	1	10	16	3	45	2	4	7	30	27	55	199	
38	2028	2	10	16	3	45	2	4	7	30	27	55	199	
39	2028	3	10	16	3	45	2	4	7	30	27	55	199	
40	2028	4	10	16	3	45	2	4	7	30	27	55	199	
41	2028	5	10	16	3	45	2	4	7	30	27	55	199	
42	2028	6	10	16	3	45	2	4	7	30	27	55	199	
43	2028	7	10	16	3	45	2	4	7	30	27	55	199	
44	2028	8	10	16	3	45	2	4	7	30	27	55	199	
45	2028	9	10	16	3	45	2	4	7	30	27	55	199	
46	2028	10	10	16	3	45	2	4	7	30	27	55	199	
47	2028	11	10	16	3	45	2	4	7	30	27	55	199	
48	2028	12	10	16	3	45	2	4	7	30	27	55	199	
49	2029	1	10	16	3	45	2	4	7	30	27	55	199	
50	2029	2	10	16	3	45	2	4	7	30	27	55	199	
51	2029	3	10	16	3	45	2	4	7	30	27	55	199	
52	2029	4	10	16	3	45	2	4	7	30	27	55	199	
53	2029	5	10	16	3	45	2	4	7	30	27	55	199	
54	2029	6	10	16	3	45	2	4	7	30	27	55	199	
55	2029	7	10	16	3	45	2	4	7	30	27	55	199	
56	2029	8	10	16	3	45	2	4	7	30	27	55	199	
57	2029	9	10	16	3	45	2	4	7	30	27	55	199	
58	2029	10	10	16	3	45	2	4	7	30	27	55	199	
59	2029	11	10	16	3	45	2	4	7	30	27	55	199	
60	2029	12	10	16	3	45	2	4	7	30	27	55	199	

MICHIGAN PUBLIC SERVICE COMMISSION
Consumers Energy Company

Case No.: U-21680
 Exhibit No.: A-8 (EMB-5)
 Page: 1 of 2
 Witness: EMBreuring
 Date: August 2025

Billing Determinants Used For
 Developing The Gas Energy Waste Reduction Surcharges

Line	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Year	Month	Residential Mcf	0 - 49,999 Mcf / Yr Mcf	50,000 - 99,999 Mcf / Yr Mcf	> 100,000 Mcf / Yr Mcf	Electric Generation Mcf	Total Mcf
1	2025	1	29,805,676	11,505,189	1,420,474	7,592,934	1,289,635	51,613,907
2	2025	2	25,691,876	10,516,824	1,298,446	6,703,642	1,415,861	45,626,649
3	2025	3	19,503,907	9,492,284	1,171,953	5,627,102	1,701,407	37,496,653
4	2025	4	11,481,789	6,031,728	744,700	2,939,220	1,717,569	22,915,006
5	2025	5	5,718,623	4,259,613	525,908	1,834,574	1,454,055	13,792,773
6	2025	6	4,024,163	3,646,928	450,263	1,219,923	1,595,685	10,936,962
7	2025	7	3,191,820	3,524,483	435,146	776,817	1,944,256	9,872,522
8	2025	8	2,688,603	3,693,710	456,039	811,554	2,040,172	9,690,078
9	2025	9	3,536,285	3,730,661	460,601	1,048,590	1,831,664	10,607,802
10	2025	10	9,746,997	5,385,388	664,900	2,431,006	1,726,778	19,955,069
11	2025	11	17,610,583	7,585,874	936,580	4,048,037	1,808,629	31,989,703
12	2025	12	24,927,762	9,865,932	1,218,085	6,299,725	1,317,257	43,628,761
13	2026	1	29,774,250	11,484,691	1,417,943	7,565,133	1,289,635	51,531,652
14	2026	2	25,664,788	10,499,598	1,296,320	6,679,394	1,415,861	45,555,961
15	2026	3	19,483,343	9,472,732	1,169,539	5,602,128	1,701,407	37,429,149
16	2026	4	11,469,683	6,019,400	743,178	2,923,425	1,717,569	22,873,255
17	2026	5	5,712,594	4,248,163	524,494	1,821,305	1,454,055	13,760,611
18	2026	6	4,019,920	3,637,826	449,140	1,209,102	1,595,685	10,911,673
19	2026	7	3,188,455	3,518,307	434,383	768,381	1,944,256	9,853,782
20	2026	8	2,685,768	3,686,507	455,150	802,147	2,040,172	9,669,744
21	2026	9	3,532,556	3,723,490	459,716	1,039,169	1,831,664	10,586,595
22	2026	10	9,736,720	5,373,792	663,468	2,416,448	1,726,778	19,917,206
23	2026	11	17,592,015	7,568,913	934,486	4,027,050	1,808,629	31,931,093
24	2026	12	24,901,479	9,850,240	1,216,148	6,277,340	1,317,257	43,562,464
25	2027	1	29,740,380	11,468,414	1,415,933	7,536,768	1,289,635	51,451,131
26	2027	2	25,635,593	10,487,277	1,294,799	6,655,433	1,415,861	45,488,962
27	2027	3	19,461,179	9,460,129	1,167,983	5,579,366	1,701,407	37,370,064
28	2027	4	11,456,636	6,010,780	742,113	2,908,491	1,717,569	22,835,589
29	2027	5	5,706,095	4,241,731	523,700	1,810,497	1,454,055	13,736,078
30	2027	6	4,015,347	3,632,922	448,534	1,200,311	1,595,685	10,892,800

MICHIGAN PUBLIC SERVICE COMMISSION
Consumers Energy Company

Case No.: U-21680
 Exhibit No.: A-8 (EMB-5)
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 Witness: EMBreuring
 Date: August 2025

Billing Determinants Used For
 Developing The Gas Energy Waste Reduction Surcharges

Line	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Year	Month	Residential Mcf	0 - 49,999 Mcf / Yr Mcf	50,000 - 99,999 Mcf / Yr Mcf	> 100,000 Mcf / Yr Mcf	Electric Generation Mcf	Total Mcf
1	2027	7	3,184,828	3,513,060	433,735	759,490	1,944,256	9,835,369
2	2027	8	2,682,713	3,678,652	454,180	791,018	2,040,172	9,646,735
3	2027	9	3,528,538	3,715,176	458,690	1,027,637	1,831,664	10,561,704
4	2027	10	9,725,644	5,361,256	661,921	2,399,390	1,726,778	19,874,989
5	2027	11	17,572,003	7,552,029	932,402	4,003,618	1,808,629	31,868,681
6	2027	12	24,873,152	9,829,058	1,213,532	6,247,454	1,317,257	43,480,454
7	2028	1	29,709,917	11,428,394	1,410,992	7,492,995	1,289,635	51,331,933
8	2028	2	25,609,333	10,451,719	1,290,408	6,616,201	1,415,861	45,383,522
9	2028	3	19,441,245	9,426,765	1,163,864	5,542,988	1,701,407	37,276,269
10	2028	4	11,444,900	5,988,696	739,387	2,884,697	1,717,569	22,775,249
11	2028	5	5,700,251	4,226,350	521,801	1,793,861	1,454,055	13,696,317
12	2028	6	4,011,234	3,619,982	446,937	1,186,243	1,595,685	10,860,081
13	2028	7	3,181,566	3,501,742	432,338	746,805	1,944,256	9,806,706
14	2028	8	2,679,965	3,666,399	452,667	777,426	2,040,172	9,616,629
15	2028	9	3,524,923	3,702,302	457,100	1,013,526	1,831,664	10,529,515
16	2028	10	9,715,682	5,341,467	659,478	2,378,097	1,726,778	19,821,502
17	2028	11	17,554,004	7,525,742	929,156	3,974,845	1,808,629	31,792,376
18	2028	12	24,847,674	9,796,852	1,209,556	6,211,546	1,317,257	43,382,885
19	2029	1	29,703,430	11,392,723	1,406,588	7,457,357	1,289,635	51,249,733
20	2029	2	25,603,742	10,420,306	1,286,530	6,584,539	1,415,861	45,310,978
21	2029	3	19,437,000	9,400,074	1,160,568	5,515,690	1,701,407	37,214,740
22	2029	4	11,442,402	5,972,929	737,440	2,868,268	1,717,569	22,738,608
23	2029	5	5,699,006	4,217,123	520,662	1,783,726	1,454,055	13,674,572
24	2029	6	4,010,358	3,612,952	446,069	1,178,231	1,595,685	10,843,295
25	2029	7	3,180,871	3,495,639	431,585	739,591	1,944,256	9,791,942
26	2029	8	2,679,380	3,659,837	451,857	769,741	2,040,172	9,600,987
27	2029	9	3,524,154	3,696,737	456,413	1,006,580	1,831,664	10,515,547
28	2029	10	9,713,561	5,331,179	658,207	2,366,342	1,726,778	19,796,067
29	2029	11	17,550,171	7,509,094	927,101	3,956,629	1,808,629	31,751,623
30	2029	12	24,842,249	9,780,459	1,207,532	6,191,888	1,317,257	43,339,386

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter, on the Commission's own motion,)
regarding the regulatory reviews, revisions,)
determinations, and/or approvals necessary for)
CONSUMERS ENERGY COMPANY to fully)
comply with Public Act 295 of 2008, as amended)
_____)

Case No. U-21680

DIRECT TESTIMONY

OF

DREW M. FARRINGTON

ON BEHALF OF

CONSUMERS ENERGY COMPANY

August 2025

DREW M. FARRINGTON
U-21680 DIRECT TESTIMONY

1 **Q. Please state your name and business address.**

2 A. My name is Drew M. Farrington, and my business address is One Energy Plaza, Jackson,
3 Michigan 49201.

4 **Q. By whom are you employed and in what capacity?**

5 A. I am employed by Consumers Energy Company (“Consumers Energy” or the “Company”)
6 as a Rate Analyst in the Rates and Regulation Department.

7 **Q. Please describe your educational background and business experience.**

8 A. I received a Bachelor of Arts degree in Economics in May 2009 from the University of
9 Michigan. From 2010 to 2024, I worked in various business roles for a private company
10 in Michigan. In February 2025, I joined Consumers Energy as a Rate Analyst in the Pricing
11 and Rate Design section of the Rates and Regulation Department.

12 **Q. What are your responsibilities as Rate Analyst for Consumers Energy?**

13 A. In my current role I am responsible for sponsoring rate design financial studies, testimony,
14 and exhibits in filings with the Michigan Public Service Commission (“MPSC” or the
15 “Commission”), as well as other economic analyses.

16 **Q. Have you previously filed testimony with the Commission?**

17 A. No.

18 **Q. What is the purpose of your direct testimony in this proceeding?**

19 A. I am presenting the Company’s proposals for (i) the allocation of the 2026-2029 Energy
20 Waste Reduction (“EWR”) Plan (“2026-2029 Plan”) investments between customer
21 groups, (ii) the utilization of the monthly billing determinants for surcharge design, and
22 (iii) the calculation of the proposed surcharges necessary to recover the proposed
23 investments.

DREW M. FARRINGTON
U-21680 DIRECT TESTIMONY

1 **Q. Are you sponsoring any exhibits?**

2 A. Yes, I am sponsoring the following exhibits:

3 Exhibit A-9 (DMF-1) Allocation of the 2026-2029 Energy Waste
4 Reduction Program Costs - Electric & Gas; and

5 Exhibit A-10 (DMF-2) Calculation of Energy Waste Reduction Plan
6 Component Surcharges;

7 Exhibit A-11 (DMF-3) Proposed Electric Energy Waste Reduction
8 Surcharge Tariff Sheet; and

9 Exhibit A-12 (DMF-4) Proposed Gas Energy Waste Reduction Surcharge
10 Tariff Sheet.

11 **Q. Were these exhibits prepared by you or under your supervision?**

12 A. Yes.

13 **Q. Please describe Exhibit A-9 (DMF-1).**

14 A. Exhibit A-9 (DMF-1) shows the proposed allocation of the Company's investment to help
15 its customers reduce energy waste among the various customer groups for both the electric
16 and natural gas EWR Plans.

17 **Q. What was the basis for the investment allocations?**

18 A. The electric and gas EWR investments were provided by Company witness Theodore A.
19 Ykimoff. The investments are allocated to the various customer groups based on the level
20 of investment in each class, consistent with prior cases. This is represented on Exhibit A-9
21 (DMF-1).

22 **Q. Please describe Exhibit A-10 (DMF-2).**

23 A. Exhibit A-10 (DMF-2) provides an overview of the calculation of the monthly EWR Plan
24 component surcharges by customer group, which will recover the Company's annual
25 investments. The derivation of the surcharges will be discussed in more detail later in my
26 direct testimony.

DREW M. FARRINGTON
U-21680 DIRECT TESTIMONY

1 **Q. What is the basis for the development of the Company's proposed 2026-2029 Plan**
2 **investment recovery mechanism?**

3 A. The monthly surcharges were designed to recover the Company's investments in EWR in
4 accordance with Public Act 295 of 2008 ("Act 295"), as amended.

5 **Q. Please elaborate on how the Company intends to recover its investment in EWR.**

6 A. The Company proposes to assess monthly levelized surcharges to recover its proposed
7 investments for the 2026-2029 Plan. The Company is proposing to replace its existing
8 EWR surcharges, beginning with the first billing cycle of the January 2026 billing month.
9 The surcharges have been designed to recover the investments for each respective customer
10 class (residential and business) as required by Act 295, as amended. The surcharges for
11 each customer group calculated on Exhibit A-10 (DMF-2) represent the recovery of the
12 residual 2024 investments, plus the \$834.6 million and \$350.1 million of 2026 through
13 2029 electric and gas investments, respectively. The Company's combined surcharges
14 (current plus incentive) are displayed on Exhibit A-11 (DMF-3) and Exhibit A-12
15 (DMF-4).

16 **Q. How did you calculate the proposed 2026-2029 Plan surcharges?**

17 A. The annual investments to be collected for each rate category on a 100% expensed basis
18 for the period January 2026 through December 2029 were calculated based on the levelized
19 net present value of incremental plan expenditures provided by Company witness Ykimoff.

20 **Q. How will the monthly surcharges be assessed?**

21 A. The electric and gas surcharges will be assessed to each customer group as specified in
22 Act 295, as amended. Residential electric customers will be charged on a per-kilowatt-
23 hour basis on their monthly bill. Secondary and Primary electric customers will be assessed

DREW M. FARRINGTON
U-21680 DIRECT TESTIMONY

1 the surcharge on a per meter basis on their monthly bill. All gas customer groups will be
2 charged each month on a per Mcf basis.

3 **Q. Please describe Exhibits A-11 (DMF-3) and A-12 (DMF-4).**

4 A. Exhibits A-11 (DMF-3) and A-12 (DMF-4) are the Company's proposed tariff sheets
5 implementing the EWR surcharges that have been proposed in this case.

6 **Q. How are the surcharges for a typical residential customer impacted?**

7 A. Under the Company's proposed allocation, a residential electric customer using 636 kWh
8 per month would see an increase of \$0.27 per month, while a residential gas customer using
9 7 Mcf per month would see an increase of \$0.29 per month.

10 **Q. How will the Company determine the appropriate surcharge category for each
11 customer?**

12 A. A new customer with no usage history will initially be assigned to the lowest usage
13 surcharge level for their rate class. Existing customers will be placed in their demarcated
14 subclass based on their 12-month historic usage. An annual review of customers' average
15 annual consumption levels will be performed each January to determine which usage
16 segment the customers will be assigned to during the next year.

17 **Q. How does the Company propose to recover its plan costs from the low-income
18 residential program?**

19 A. The EWR investments for the low-income residential program have been allocated to all
20 customer groups based on the weighting of the customer group's respective investments to
21 the total investments for a given year. Customers who self-direct their own programs are
22 still responsible for paying their share for these low-income program investments through

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1 the appropriate surcharge assigned to their respective customer group in compliance with
2 the statutory requirements.

3 **Q. Does this conclude your direct testimony in this proceeding?**

4 **A.** Yes, it does.

ENERGY WASTE REDUCTION PROGRAM

Allocation of the 2026-2029 Energy Waste Reduction Program Costs - Electric & Gas

Line No.	Description	2026 (a)	2027 (b)	2028 (c)	2029 (d)	Total (e)
Program Costs - Electric						
1	Residential	\$ 40,216,127	\$ 41,722,130	\$ 42,425,802	\$ 42,851,054	\$ 167,215,114
2	Low Income	32,958,050	33,581,102	34,393,994	35,192,871	136,126,017
3	Business	<u>130,064,278</u>	<u>132,958,936</u>	<u>133,856,250</u>	<u>134,371,931</u>	<u>531,251,395</u>
4	Total	\$ 203,238,454	\$ 208,262,169	\$ 210,676,046	\$ 212,415,856	\$ 834,592,526
Program Cost Responsibility <u>By Customer Group - Electric</u>						
5	Residential	\$ 40,216,127	\$ 41,722,130	\$ 42,425,802	\$ 42,851,054	\$ 167,215,114
6	Low Income	\$ 32,958,050	\$ 33,581,102	\$ 34,393,994	\$ 35,192,871	\$ 136,126,017
7	Business Tier 1 (0 to 2,000 kWh per month)	11,555,889	11,813,072	11,892,796	11,938,613	47,200,370
8	Business Tier 2 (2,001 to 5,000 kWh per month)	12,224,730	12,496,799	12,581,138	12,629,606	49,932,274
9	Business Tier 3 (5,001 to 10,000 kWh per month)	13,497,596	13,797,993	13,891,113	13,944,628	55,131,329
10	Business Tier 4 (10,001 to 30,000 kWh per month)	26,859,036	27,456,800	27,642,101	27,748,592	109,706,528
11	Business Tier 5 (30,001 to 50,000 kWh per month)	14,093,860	14,407,528	14,504,761	14,560,641	57,566,790
12	Business Tier 6 (50,001 to 75,000 kWh per month)	10,166,032	10,392,283	10,462,419	10,502,725	41,523,460
13	Business Tier 7 (75,001 to 100,000 kWh per month)	6,943,532	7,098,064	7,145,968	7,173,497	28,361,061
14	Business Tier 8 (100,001 to 150,000 kWh per month)	8,517,702	8,707,268	8,766,032	8,799,803	34,790,804
15	Business Tier 9 (150,001 to 250,000 kWh per month)	9,272,735	9,479,106	9,543,078	9,579,843	37,874,762
16	Business Tier 10 (above 250,000 kWh per month)	<u>16,933,166</u>	<u>17,310,023</u>	<u>17,426,845</u>	<u>17,493,982</u>	<u>69,164,017</u>
17	Total Business	\$ 130,064,278	\$ 132,958,936	\$ 133,856,250	\$ 134,371,931	\$ 531,251,395
18	Total	\$ 203,238,454	\$ 208,262,169	\$ 210,676,046	\$ 212,415,856	\$ 834,592,526
Program Costs - Gas						
19	Residential	58,832,308	59,031,384	60,101,218	61,067,782	239,032,692
20	Business	<u>27,933,249</u>	<u>27,614,688</u>	<u>27,746,055</u>	<u>27,821,173</u>	<u>111,115,164</u>
21	Total	\$ 86,765,558	\$ 86,646,072	\$ 87,847,272	\$ 88,888,955	\$ 350,147,857
Program Cost Responsibility <u>By Customer Group - Gas</u>						
22	Residential	58,832,308	59,031,384	60,101,218	61,067,782	239,032,692
23	Small Business (< 100,000 Mcf)	27,366,204	27,054,110	27,182,810	27,256,403	108,859,527
24	Large Business (> 100,000 Mcf)	<u>567,045</u>	<u>560,578</u>	<u>563,245</u>	<u>564,770</u>	<u>2,255,638</u>
25	Total	\$ 86,765,558	\$ 86,646,072	\$ 87,847,272	\$ 88,888,955	\$ 350,147,857

ENERGY WASTE REDUCTION PROGRAM

Calculation of Energy Waste Reduction ("EWR") Plan Component Surcharges

Line No.	(a) Consumers Plan <u>Electric EWR Surcharge</u> <u>Customer Group</u>	(b) Charge Basis	(c) U-21680 Monthly EWR Plan Component <u>Surcharge</u>
1	Residential	(\$/kWh)	\$0.004198
2	Business Tier 1 (0 to 2,000 kWh per month)	(\$/mo)	5.88
3	Business Tier 2 (2,001 to 5,000 kWh per month)	(\$/mo)	42.78
4	Business Tier 3 (5,001 to 10,000 kWh per month)	(\$/mo)	92.11
5	Business Tier 4 (10,001 to 30,000 kWh per month)	(\$/mo)	236.36
6	Business Tier 5 (30,001 to 50,000 kWh per month)	(\$/mo)	531.03
7	Business Tier 6 (50,001 to 75,000 kWh per month)	(\$/mo)	785.20
8	Business Tier 7 (75,001 to 100,000 kWh per month)	(\$/mo)	958.30
9	Business Tier 8 (100,001 to 150,000 kWh per month)	(\$/mo)	1,232.03
10	Business Tier 9 (150,001 to 250,000 kWh per month)	(\$/mo)	1,434.65
11	Business Tier 10 (above 250,000 kWh per month)	(\$/mo)	1,651.26
12	Lighting (Opt-In)	Fixt	0.27
 <u>Self-Direct Plan</u> <u>Electric EWR Surcharge</u>			Monthly EWR Plan Component <u>Surcharge</u>
	<u>Customer Group</u>		
13	Residential		N/A
14	Business Tier 1 (0 to 2,000 kWh per month)	(\$/mo)	\$1.07
15	Business Tier 2 (2,001 to 5,000 kWh per month)	(\$/mo)	7.81
16	Business Tier 3 (5,001 to 10,000 kWh per month)	(\$/mo)	16.80
17	Business Tier 4 (10,001 to 30,000 kWh per month)	(\$/mo)	43.06
18	Business Tier 5 (30,001 to 50,000 kWh per month)	(\$/mo)	97.36
19	Business Tier 6 (50,001 to 75,000 kWh per month)	(\$/mo)	144.78
20	Business Tier 7 (75,001 to 100,000 kWh per month)	(\$/mo)	178.34
21	Business Tier 8 (100,001 to 150,000 kWh per month)	(\$/mo)	229.17
22	Business Tier 9 (150,001 to 250,000 kWh per month)	(\$/mo)	266.75
23	Business Tier 10 (above 250,000 kWh per month)	(\$/mo)	303.84
 <u>Consumers Plan</u> <u>Gas EWR Surcharge</u>			Monthly EWR Plan Component <u>Surcharge</u>
	<u>Customer Group</u>		
24	Residential	(\$/Mcf)	\$0.3229
25	Small Business (0 to 100,000 Mcf)	(\$/Mcf)	0.4951
26	Large Business (> 100,000 Mcf)	(\$/Mcf)	0.0213
27	Large Transportation Opt-Out	(\$/Mcf)	0.0082

M.P.S.C. No. 14 – Electric
 Consumers Energy Company

Sheet No. D-2.10

SURCHARGES

<u>Rate Schedule</u>	Energy Efficiency Program Surcharge (Case No. U- 21680 21557) Effective beginning the <u>January 2026</u> 2025 <u>Billing Month</u> ⁽¹⁾⁽⁶⁾	Energy Efficiency Self-Directed Customer Surcharge (Case No. U- 21680 21321) Effective beginning the <u>January 2026</u> March 2024 <u>Billing Month</u> ⁽⁶⁾⁽⁷⁾
Residential Rates	\$0.004529 <u>0.005187</u> /kWh	NA
Non-Residential Rates ⁽²⁾		
Tier 1: 0 – 2,000 kWh/mo.	\$ 7.82 <u>7.37</u> /billing meter	\$ 1.06 <u>1.07</u> /month
Tier 2: 2,001 – 5,000 kWh/mo.	57.72 <u>53.37</u> /billing meter	7.77 <u>7.81</u> /month
Tier 3: 5,001 – 10,000 kWh/mo.	125.14 <u>115.20</u> /billing meter	16.87 <u>16.80</u> /month
Tier 4: 10,001 – 30,000 kWh/mo.	299.95 <u>291.47</u> /billing meter	40.41 <u>43.06</u> /month
Tier 5: 30,001 – 50,000 kWh/mo.	772.22 <u>669.97</u> /billing meter	103.62 <u>97.36</u> /month
Tier 6: 50,001 – 75,000 kWh/mo.	1240.82 <u>1003.27</u> /billing meter	165.88 <u>144.78</u> /month
Tier 7: 75,0001 – 100,000 kWh/mo.	1794.32 <u>1268.79</u> /billing meter	239.29 <u>178.34</u> /month
Tier 8: 100,001 – 150,000 kWh/mo.	2145.02 <u>1594.80</u> /billing meter	285.06 <u>229.17</u> /month
Tier 9: 150,001 – 250,000 kWh/mo.	2487.66 <u>1855.84</u> /billing meter	330.68 <u>266.75</u> /month
Tier 10: >250,000 kWh/mo.	2736.73 <u>2112.87</u> /billing meter	373.01 <u>303.84</u> /month
Rate GSG-2 ⁽⁴⁾	NA	NA
Rate GML ⁽³⁾⁽⁵⁾	NA	NA
Rate GUL ⁽³⁾⁽⁵⁾	\$ 0.27/fixture per month ⁽³⁾	NA
Rate GU-LED	NA	NA
Rate GU	NA	NA
Rate PA	NA	NA
Rate ROA-R, ROA-S, ROA-P	Same as Full Service Delivery Rate Schedule	Same as Full Service Delivery Rate Schedule

The customer’s consumption will be reviewed annually in the January bill month. Following the annual review, the customer may be subsequently moved to the Surcharge level for their applicable rate for the next billing period based on the customer’s average consumption for the previous year. In situations where no historical consumption is available, the monthly Surcharge level will be based on the lowest consumption category for the secondary rate schedules, or the lowest consumption category for primary rate schedules. No retroactive adjustment will be made due to the application of the Energy Efficiency Program Surcharge associated with the increases or decreases in consumption.

- ⁽¹⁾ This is subject to all general terms and conditions as shown in Rule C12, Energy Efficiency. The Energy Efficiency Program Surcharge amount may vary during specific months as authorized by the Michigan Public Service Commission. The Company will file a new tariff sheet to reflect any change in surcharges once the financial incentive recovery period has been completed.
- ⁽²⁾ Non-Residential Rates include GS, GSTU, GSD, GP, GPTU, GPD, EIP, LTILRR and LED.
- ⁽³⁾ Company-Owned lighting fixture customers served on General Service Unmetered Lighting Rate GUL shall pay this surcharge. Rate codes 1455 and 1460 will not be charged this surcharge.
- ⁽⁴⁾ Additional Rate Schedules can opt-in to the Energy Efficiency Program as described in Rule C12., Energy Efficiency.
- ⁽⁵⁾ Lighting rates that choose to opt-in to the Energy Efficiency Program shall be assessed \$0.27 per fixture per month.
- ⁽⁶⁾ This charge will be shown on the monthly utility bill using the methodology as described in Rule C12, Energy Efficiency.
- ⁽⁷⁾ An eligible customer who files and implements a self-directed plan in compliance with Rule C12 is required to pay the Energy Efficiency Self-Directed Program Surcharge.

Issued XXXXXX XX, 2025 by
 Garrick J. Rochow,
 President and Chief Executive Officer,
 Jackson, Michigan

Effective for bills rendered on and after
 the Company’s January 2026 Billing Month

Issued under authority of the
 Michigan Public Service Commission
 dated XXXXXX XX, 2025
 in Case No. U-21680

M.P.S.C. No. 3 - Gas
Consumers Energy Company

Sheet No. 2.00

Each Rate Schedule may be subject to Rule No. C8., Customer Attachment Program

<u>Rate Schedule</u>	Energy Efficiency ⁽¹⁾ Program Surcharge (Case No. U-21680 21557) Effective beginning the January 2026 2025 Billing Month ^{(2) (3)}
Rate A	\$0.3532 <u>0.3998</u> /Mcf
Rate A-1	0.3532 <u>0.3998</u> /Mcf
Rate GS-1	0.6802 <u>0.6027</u> /Mcf
Rate GS-2	0.6802 <u>0.6027</u> /Mcf
Rate GS-3	
0 – 100,000 / Year	0.6802 <u>0.6027</u> /Mcf
> 100,000 / Year	0.0338 <u>0.0265</u> /Mcf
Rate GL	NA
Rate ST	
0 – 100,000 / Year	0.6802 <u>0.6027</u> /Mcf
> 100,000 / Year	0.0338 <u>0.0265</u> /Mcf
Rate LT	
0 – 100,000 / Year	0.6802 <u>0.6027</u> /Mcf
> 100,000 / Year	0.0338 <u>0.0265</u> /Mcf
Rate XLT	
0 – 100,000 / Year	0.6802 <u>0.6027</u> /Mcf
> 100,000 / Year	0.0338 <u>0.0265</u> /Mcf
Rate XXLT	
0 – 100,000 / Year	NA
> 100,000 / Year	0.0338 <u>0.0265</u> /Mcf
Rate CC	Per applicable distribution
Rate TOT	Rate Schedule NA

(1) All surcharges shall be applied on a monthly basis. The customer’s consumption will be reviewed annually in the January bill month. Following the annual review, the customer may be subsequently moved to the surcharge level for their applicable rate for the next billing period based on the customer’s average consumption for the previous year. No retroactive adjustment will be made due to the application of EE surcharges associated with increases or decreases in consumption.

(2) An Energy Efficiency Program Surcharge amount may vary during specific months as authorized by the Michigan Public Service Commission. The Company will file a new tariff sheet to reflect any change in surcharges once the financial incentive recovery period has been completed.

(3) The Energy Efficiency Program Surcharge for each rate will be shown as above on the monthly utility bill under Other Surcharges for all customers.

Issued XXXXXX XX, 2025 by
Garrick J. Rochow,
President and Chief Executive Officer,
Jackson, Michigan

**Effective for bills rendered on and after
 the Company’s January 2026 Billing Month**

**Issued under authority of the
 Michigan Public Service Commission
 dated XXXXXX XX, 2025
 in Case No. U-21680**

M.P.S.C. No. 3 - Gas
Consumers Energy Company

Sheet No. D-2.10

SURCHARGES

Each Rate Schedule may be subject to Rule No. C8., Customer Attachment Program.

Rate Schedule	<u>Billing Month</u>
Rate A	NA
Rate A-1	NA
Rate GS-1	NA
Rate GS-2	NA
Rate GS-3	NA
Rate GL	NA
Rate ST	
> 100,000 / Year	\$0.0132 <u>0.0082</u> /Mcf
Rate LT	
> 100,000 / Year	0.0132 <u>0.0082</u> /Mcf
Rate XLT	
> 100,000 / Year	0.0132 <u>0.0082</u> /Mcf
Rate XXL	
> 100,000 / Year	0.0132 <u>0.0082</u> /Mcf
Rate CC	NA
Rate TOT	NA

**Energy Efficiency
Large Gas
Transportation
Opt-Out
Program Surcharge ⁽¹⁾
(Case No. U-~~21680~~ ~~21321~~)
Effective beginning the
January 2026 ~~March 2024~~**

- (1) Gas Transportation customers on Rate ST, LT, XLT, or XXL using more than 100,000 Mcf per year may be eligible to opt-out of the Energy Efficiency program. Eligible customers who elect to opt-out of the Energy Efficiency program will pay the Energy Efficiency Large Gas Transportation Opt-Out Program surcharge per Mcf on a monthly basis. Eligibility is determined solely by the Company and is dependent upon terms and conditions of the Energy Efficiency Large Gas Transportation Customer Opt-Out Program as authorized in the April 17, 2012 order in Case No. U-16670.
- (2) The Energy Efficiency Large Gas Transportation Opt-Out Program Surcharge will be shown on the monthly utility bill under Other Surcharges for all customers.

Issued XXXXXX XX, 2025 by
Garrick J. Rochow,
President and Chief Executive Officer,
Jackson, Michigan

Effective for bills rendered on and after
the Company's January 2026 Billing Month

Issued under authority of the
Michigan Public Service Commission
dated XXXXXX XX, 2025
in Case No. U-21680

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter, on the Commission's own motion,)
regarding the regulatory reviews, revisions,)
determinations, and/or approvals necessary for)
CONSUMERS ENERGY COMPANY to fully)
comply with Public Act 295 of 2008, as amended)
_____)

Case No. U-21680

DIRECT TESTIMONY
OF
SVITLANA LYKHYTSKA
ON BEHALF OF
CONSUMERS ENERGY COMPANY

August 2025

SVITLANA LYKHYTSKA
U-21680 DIRECT TESTIMONY

1 **Q. Please state your name and business address.**

2 A. My name is Svitlana Lykhytska. My business address is One Energy Plaza, Jackson,
3 Michigan 49201.

4 **Q. Please describe your position and responsibilities.**

5 A. I am employed by Consumers Energy Company (“Consumers Energy” or the “Company”)
6 as an Accounting Manager in the Finance Transformation and Technology Department.

7 **Q. Please describe your education and professional experience.**

8 A. I received a bachelor’s degree and a qualification of Engineer - Economist (with a
9 specialization in Economics and Organization of Consumer Goods Industry) from the
10 Technologic Institute of Light Industry of Kiev, Ukraine in 1988. In 2002, I received a
11 Bachelor of Science in Business Administration in Accounting from Michigan State
12 University. In 2002, I started my career at Consumers Energy in the General Accounting
13 Department where I progressed from Accounting Analyst in 2002 to Senior Accounting
14 Analyst Lead in 2014, Principal Accounting Analyst in 2016, and Accounting Manager in
15 2023. In May 2025, I was reassigned to the Finance Transformation and Technology
16 Department. I obtained my Certified Management Accountant and Certified Financial
17 Manager certifications in 2007.

18 **Q. Have you provided testimony before the Michigan Public Service Commission**
19 **(“MPSC” or the “Commission”)?**

20 A. Yes, I have provided testimony in the following cases:

<u>Case No.</u>	<u>Description</u>
21 U-17831	2014 Energy Optimization Plan Reconciliation;
22 U-18025	2015 Energy Optimization Plan Reconciliation;
23 U-18261	2018-2021 Energy Waste Reduction (“EWR”) Plan;
24	

SVITLANA LYKHITSKA
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1 U-18331 2016 Energy Optimization Plan Reconciliation;
2 U-20028 2017 EWR Plan Reconciliation;
3 U-20365 2018 EWR Plan Reconciliation;
4 U-20563 2018 Demand Response Program Cost Reconciliation;
5 U-20372 2020-2023 EWR Plan;
6 U-20702 2019 EWR Plan Reconciliation;
7 U-20766 2019 Demand Response Program Cost Reconciliation;
8 U-20865 2020 EWR Plan Reconciliation;
9 U-20875 2022-2025 EWR Plan;
10 U-21080 2020 Demand Response Program Cost Reconciliation;
11 U-21205 2021 EWR Plan Reconciliation;
12 U-21080 2021 Demand Response Program Cost Reconciliation;
13 U-21410 2022 Demand Response Program Cost Reconciliation;
14 U-21312 2022 EWR Plan Reconciliation;
15 U-21557 2023 EWR Plan Reconciliation;
16 U-21647 2023 Demand Response Reconciliation;
17 U-21671 2024 EWR Plan Reconciliation; and
18 U-21906 2024 Demand Response Reconciliation.

19 **Q. What is the purpose of your direct testimony?**

20 A. The purpose of my direct testimony is to provide the methodology and calculation of the
21 Company's accounting process associated with its Electric and Gas EWR programs.

22 **Q. Are you sponsoring any exhibits with your direct testimony?**

23 A. Yes, I am sponsoring two exhibits.

24 Exhibit A-13 (SL-1) 2024 EWR Electric Cumulative Over/Under
25 Recovery (By Class and Total); and

SVITLANA LYKHITSKA
U-21680 DIRECT TESTIMONY

Exhibit A-14 (SL-2) 2024 EWR Gas Cumulative Over/Under Recovery
(By Class and Total).

1
2
3 **Q. Have these exhibits been prepared by you or under your supervision?**

4 A. Yes.

5 **Q. What information is provided in these exhibits?**

6 A. Exhibits A-13 (SL-1) and A-14 (SL-2) provide accounting data (by month and customer
7 class) for the Electric and Gas EWR programs including surcharges billed, costs incurred,
8 and over/under recovery balances with carrying costs.

9 **Q. What surcharge amounts were billed to customers in 2024?**

10 A. In accordance with the tariff sheets on file with the Commission, the Company began
11 billing customers in June 2009 for EWR surcharges. In 2024, the Company billed
12 \$213,571,366 in total to electric customers (Exhibit A-13 (SL-1), page 1, line 1). These
13 surcharges are split between residential class customers and commercial and industrial
14 (“C&I”) class customers in the amounts of \$49,577,686 and \$163,993,680, respectively.
15 In 2024, the Company billed \$81,968,550 in total to gas customers (Exhibit A-14 (SL-2),
16 page 1, line 1). These surcharges are split between residential and C&I customer classes
17 in the amounts of \$40,638,641 and \$41,329,909, respectively.

18 **Q. What program costs were booked in 2024?**

19 A. In 2024, the Company booked \$200,339,319 of program costs for the Electric EWR
20 Program (Exhibit A-13 (SL-1), page 1, line 2). These costs are split between residential
21 and C&I customer classes in the amounts of \$59,153,305 and \$141,186,014, respectively.
22 In 2024, the Company booked \$92,895,200 of program costs for the Gas EWR Program
23 (Exhibit A-14 (SL-2), page 1, line 2). These costs are split between residential and C&I
24 customer classes in the amounts of \$50,128,635 and \$42,766,565, respectively.

SVITLANA LYKHYTSKA
U-21680 DIRECT TESTIMONY

1 **Q. How are over/under-recovery amounts calculated?**

2 A. The incremental over/under-recovery amount is a difference between line 1 and line 2.
3 Exhibits A-13 (SL-1) and A-14 (SL-2), page 1, line 3. This total is added to the prior
4 year-end over/under-recovery amount calculated in the same manner plus the prior year
5 interest recorded on the over/under recovery-balance. If, since program inception, the
6 Company has collected more in total surcharges than costs incurred, the Company has over
7 recovered. In that case, excess revenues are deferred and a regulatory liability is recorded.
8 Conversely, if, since program inception, the Company has incurred more costs than
9 surcharges collected, the Company has under recovered its costs. In that case, excess costs
10 are deferred and a regulatory asset is recorded.

11 **Q. What are the over/under-recovery balances in the regulatory asset and/or regulatory**
12 **liability accounts associated with the EWR Program as of December 31, 2024?**

13 A. In the Electric EWR Program, for the 2024 reconciliation period, total revenue exceeded
14 total booked costs resulting in an over-recovery in all customer classes in the amount of
15 \$13,232,047 (Exhibit A-13 (SL-1), page 1, line 3). The residential program resulted in an
16 under-recovery in the amount of \$9,575,619, and the C&I program resulted in an
17 over-recovery in the amount of \$22,807,666. The prior year over-recovery balance and
18 interest carried forward into 2024 were \$23,030,184 and \$1,633,874, respectively (Exhibit
19 A-13 (SL-1), page 1, lines 4 and 5). As a result, the total over-recovery balance as of the
20 end of December 2024 is \$37,896,105 (Exhibit A-13 (SL-1), page 1, line 7). The total
21 includes a \$4,046,505 under-recovery for residential and a \$41,942,610 over-recovery for
22 C&I class of customers.

SVITLANA LYKHITSKA
U-21680 DIRECT TESTIMONY

1 In the Gas EWR Program, 2024 total booked cost exceeded surcharges resulting in
2 an under recovery in the amount of \$10,926,650 (Exhibit A-14 (SL-2), page 1, line 3) split
3 between a \$9,489,994 under-recovery for residential and a \$1,436,656 under-recovery for
4 C&I class of customers. The prior year under-recovery balance and over-recovered interest
5 carried forward into 2024 were \$19,717,853 and \$295,703 (Exhibit A-14 (SL-2), page 1,
6 lines 4 and 5). As a result, the total under-recovery balance as of the end of December
7 2024 is \$30,348,800 (Exhibit A-14 (SL-2), page 1, line 7) split between \$7,112,683 under-
8 recovery for residential and \$23,236,117 under-recovery for C&I customer classes,
9 respectively.

10 **Q. Have carrying costs on over/under-recovery balances been recorded and at what**
11 **interest rate?**

12 A. Yes, the Company records carrying costs on over/under-recovery balances per the
13 Commission's Order in Case No. U-15805. The carrying cost rate used for both over- and
14 under-recovery balances is the Company's short-term borrowing rate. In 2024, carrying
15 costs were recorded for the Electric EWR Program in the amount of \$2,744,470 (Exhibit
16 A-13 (SL-1), page 1, line 8). For the same period of 2024, carrying costs were recorded
17 for the Gas EWR Program in the amount of \$438,492 (Exhibit A-14 (SL-2), page 1, line 8).

18 **Q. Does this conclude your direct testimony?**

19 A. Yes.

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter, on the Commission's own motion,)
regarding the regulatory reviews, revisions,)
determinations, and/or approvals necessary for)
CONSUMERS ENERGY COMPANY to fully)
comply with Public Act 295 of 2008, as amended)
_____)

Case No. U-21680

EXHIBITS

OF

SVITLANA LYKHYTSKA

ON BEHALF OF

CONSUMERS ENERGY COMPANY

August 2025

2024 EWR Electric Cumulative Over (Under) Recovery (By Class and Total)

<u>Line</u>	(a) <u>Description</u>	(b) <u>Residential</u>	(c) <u>C&I</u>	(d) <u>Total</u>
<u>Annual Summary</u>				
1	Surcharge Revenue	\$ 49,577,686	\$ 163,993,680	\$ 213,571,366
2	Program Expenses	<u>\$ 59,153,305</u>	<u>\$ 141,186,014</u>	<u>\$ 200,339,319</u>
3	Change in Over (Under) Recovery	\$ (9,575,619)	\$ 22,807,666	\$ 13,232,047
<u>Program Over/(Under) Recovery</u>				
4	Over (Under) Recovery Beginning Balance	\$ 5,245,844	\$ 17,784,340	\$ 23,030,184
5	Prior Year Carrying Charges	283,270	1,350,604	1,633,874
6	Change in Balance	<u>(9,575,619)</u>	<u>22,807,666</u>	<u>13,232,047</u>
7	Over (Under) Recovery Ending Balance	\$ (4,046,505)	\$ 41,942,610	\$ 37,896,105
<u>Carrying Charges</u>				
8	Carrying Charges, Cumulative	\$ 436,553	\$ 2,307,917	\$ 2,744,470
9	Cumulative Over (Under) Recovery	\$ (3,609,952)	\$ 44,250,527	\$ 40,640,575
10	Annual Interest Rate	5.10%	5.10%	5.10%

2024 EWR Electric Cumulative Over (Under) Recovery (Residential by Month)

Line	(a) Description	(b) Jan	(c) Feb	(d) Mar	(e) Apr	(f) May	(g) Jun	(h) Jul	(i) Aug	(j) Sep	(k) Oct	(l) Nov	(m) Dec	(n) Total	(o) Source
Residential															
1	Surcharge Revenue	\$5,462,977	\$5,385,195	\$3,573,243	\$3,543,889	\$3,109,522	\$3,628,161	\$4,759,147	\$4,863,582	\$4,434,684	\$3,732,267	\$3,231,945	\$3,853,075	\$49,577,686	Per Books
2	Program Expenses	\$ 2,233,943	\$ 3,616,857	\$ 3,515,673	\$ 2,644,144	\$ 3,025,678	\$ 4,151,971	\$ 5,217,627	\$ 5,905,697	\$ 4,962,834	\$ 8,004,581	\$ 5,673,219	\$ 10,201,081	\$ 59,153,305	Per Books
3	Change in Over (Under) Recovery	\$ 3,229,034	\$ 1,768,338	\$ 57,570	\$ 899,745	\$ 83,844	\$ (523,811)	\$ (458,480)	\$ (1,042,115)	\$ (528,150)	\$ (4,272,314)	\$ (2,441,274)	\$ (6,348,006)	\$ (9,575,619)	Line 1 - Line 2
Program Over/(Under) Recovery															
4	Over (Under) Recovery Beg. Bal.	\$ 5,245,844	\$ 8,758,148	\$ 10,526,486	\$ 10,584,056	\$ 11,483,801	\$ 11,567,645	\$ 11,043,834	\$ 10,585,354	\$ 9,543,239	\$ 9,015,089	\$ 4,742,775	\$ 2,301,501		Line 7 Prior Month/Year
5	Prior Year Carrying Charges	283,270	-	-	-	-	-	-	-	-	-	-	-	-	Prior Year Ending
6	Change in Balance	3,229,034	1,768,338	57,570	899,745	83,844	(523,811)	(458,480)	(1,042,115)	(528,150)	(4,272,314)	(2,441,274)	(6,348,006)		Line 3
7	Over (Under) Recovery Ending Bal.	\$ 8,758,148	\$ 10,526,486	\$ 10,584,056	\$ 11,483,801	\$ 11,567,645	\$ 11,043,834	\$ 10,585,354	\$ 9,543,239	\$ 9,015,089	\$ 4,742,775	\$ 2,301,501	\$ (4,046,505)		Line 4 + Line 5 + Line 6
8	Over (Under) Recovery Average Bal.	\$ 7,143,631	\$ 9,642,317	\$ 10,555,271	\$ 11,033,929	\$ 11,525,723	\$ 11,305,740	\$ 10,814,594	\$ 10,064,297	\$ 9,279,164	\$ 6,878,932	\$ 3,522,138	\$ (872,502)		Line 4 + Line 5 + (Line 6 / 2)
Carrying Charges															
9	Carrying Charges, Monthly	\$ 31,433	\$ 42,069	\$ 45,926	\$ 48,053	\$ 50,125	\$ 49,203	\$ 47,184	\$ 43,931	\$ 40,216	\$ 28,052	\$ 13,701	\$ (3,340)		Line 8 x Line 13
10	Carrying Charges, Cumulative	\$ 31,433	\$ 73,502	\$ 119,428	\$ 167,481	\$ 217,606	\$ 266,809	\$ 313,993	\$ 357,924	\$ 398,140	\$ 426,192	\$ 439,893	\$ 436,553	\$ 436,553	Cumulative Line 9
11	Cumulative Over (Under) Recovery	\$ 8,789,581	\$ 10,599,988	\$ 10,703,484	\$ 11,651,282	\$ 11,785,251	\$ 11,310,643	\$ 10,899,347	\$ 9,901,163	\$ 9,413,229	\$ 5,168,967	\$ 2,741,394	\$ (3,609,952)	\$ (3,609,952)	Line 7 + Line 10
12	Annual Interest Rate	5.2795800%	5.2358700%	5.2217600%	5.2254100%	5.2185900%	5.2226900%	5.2353500%	5.2380000%	5.2011600%	4.8935500%	4.6681900%	4.5936400%	5.1028%	Treasury
13	Monthly Interest Rate	0.4400%	0.4363%	0.4351%	0.4355%	0.4349%	0.4352%	0.4363%	0.4365%	0.4334%	0.4078%	0.3890%	0.3828%		Line 12/ 12

2024 EWR Electric Cumulative Over (Under) Recovery (C&I by Month)

Line	(a) Description	(b) Jan	(c) Feb	(d) Mar	(e) Apr	(f) May	(g) Jun	(h) Jul	(i) Aug	(j) Sep	(k) Oct	(l) Nov	(m) Dec	(n) Total	(o) Source
C&I															
1	Surcharge Revenue	\$12,335,713	\$12,258,639	\$14,116,274	\$14,097,999	\$14,081,153	\$14,024,288	\$13,981,965	\$13,814,277	\$13,951,654	\$13,808,286	\$13,779,672	\$13,743,760	\$163,993,680	Per Books
2	Program Expenses	\$4,425,331	\$7,494,064	\$9,458,492	\$6,546,264	\$8,754,457	\$10,231,905	\$9,623,795	\$14,363,516	\$14,469,485	\$17,848,809	\$17,653,875	\$20,316,021	\$141,186,014	Per Books
3	Change in Over (Under) Recovery	\$7,910,382	\$4,764,575	\$4,657,782	\$7,551,735	\$5,326,696	\$3,792,383	\$4,358,170	\$(549,239)	\$(517,831)	\$(4,040,523)	\$(3,874,203)	\$(6,572,261)	\$22,807,666	Line 1 - Line 2
<u>Program Over/(Under) Recovery</u>															
4	Over (Under) Recovery Beg. Bal.	\$17,784,340	\$27,045,326	\$31,809,901	\$36,467,683	\$44,019,418	\$49,346,114	\$53,138,497	\$57,496,667	\$56,947,428	\$56,429,597	\$52,389,074	\$48,514,871		Line 8 Prior Month/Year
5	Prior Year Carrying Charges	1,350,604	-	-	-	-	-	-	-	-	-	-	-		Prior Year Ending
6	Change in Balance	7,910,382	4,764,575	4,657,782	7,551,735	5,326,696	3,792,383	4,358,170	(549,239)	(517,831)	(4,040,523)	(3,874,203)	(6,572,261)		Line 3
7	Over (Under) Recovery Ending Bal.	\$27,045,326	\$31,809,901	\$36,467,683	\$44,019,418	\$49,346,114	\$53,138,497	\$57,496,667	\$56,947,428	\$56,429,597	\$52,389,074	\$48,514,871	\$41,942,610		Line 4 + Line 5 + Line 6
8	Over (Under) Recovery Average Bal.	\$23,090,135	\$29,427,614	\$34,138,792	\$40,243,551	\$46,682,766	\$51,242,306	\$55,317,582	\$57,222,048	\$56,688,513	\$54,409,336	\$50,451,973	\$45,228,741		Line 4 + Line 5 + (Line 6 / 2)
<u>Carrying Charges</u>															
9	Carrying Charges, Monthly	\$101,589	\$128,399	\$148,554	\$175,241	\$203,015	\$223,019	\$241,339	\$249,774	\$245,705	\$221,879	\$196,266	\$173,137		Line 8 x Line 13
10	Carrying Charges, Cumulative	\$101,589	\$229,988	\$378,542	\$553,783	\$756,798	\$979,817	\$1,221,156	\$1,470,930	\$1,716,635	\$1,938,514	\$2,134,780	\$2,307,917	\$2,307,917	Cumulative Line 9
11	Cumulative Over (Under) Recovery	\$27,146,915	\$32,039,889	\$36,846,225	\$44,573,201	\$50,102,912	\$54,118,314	\$58,717,823	\$58,418,358	\$58,146,232	\$54,327,588	\$50,649,651	\$44,250,527	\$44,250,527	Line 7 + Line 10
12	Annual Interest Rate	5.2795800%	5.2358700%	5.2217600%	5.2254100%	5.2185900%	5.2228900%	5.2353500%	5.2380000%	5.2011600%	4.8935500%	4.6681900%	4.5936400%	5.1028%	Treasury
13	Monthly Interest Rate	0.4399650%	0.4363225%	0.4351467%	0.4354508%	0.4348825%	0.4352242%	0.4362792%	0.4365000%	0.4334300%	0.4077958%	0.3890158%	0.3828033%		Line 12/ 12

2024 EWR Electric Cumulative Over (Under) Recovery (Total by Month)

Line	(a) Description	(b) Jan	(c) Feb	(d) Mar	(e) Apr	(f) May	(g) Jun	(h) Jul	(i) Aug	(j) Sep	(k) Oct	(l) Nov	(m) Dec	(n) Total
Grand Total														
1	Surcharge Revenue	\$ 17,798,690	\$ 17,643,834	\$ 17,689,517	\$ 17,641,888	\$ 17,190,675	\$ 17,652,449	\$ 18,741,112	\$ 18,677,859	\$ 18,386,338	\$ 17,540,553	\$ 17,011,617	\$ 17,596,835	\$ 213,571,367
2	Program Expenses	\$ 6,659,274	\$ 11,110,921	\$ 12,974,165	\$ 9,190,408	\$ 11,780,135	\$ 14,383,876	\$ 14,841,422	\$ 20,269,213	\$ 19,432,319	\$ 25,853,390	\$ 23,327,094	\$ 30,517,102	\$ 200,339,319
3	Change in Over (Under) Recovery	\$ 11,139,416	\$ 6,532,913	\$ 4,715,352	\$ 8,451,480	\$ 5,410,540	\$ 3,268,573	\$ 3,899,690	\$ (1,591,354)	\$ (1,045,981)	\$ (8,312,837)	\$ (6,315,477)	\$ (12,920,267)	\$ 13,232,048
Program Over/(Under) Recovery														
4	Over (Under) Recovery Beg. Bal.	\$ 23,030,184	\$ 35,803,474	\$ 42,336,387	\$ 47,051,739	\$ 55,503,219	\$ 60,913,759	\$ 64,182,332	\$ 68,082,022	\$ 66,490,668	\$ 65,444,687	\$ 57,131,850	\$ 50,816,373	
5	Prior Year Carrying Charges	1,633,874	-	-	-	-	-	-	-	-	-	-	-	
6	Change in Balance	11,139,416	6,532,913	4,715,352	8,451,480	5,410,540	3,268,573	3,899,690	(1,591,354)	(1,045,981)	(8,312,837)	(6,315,477)	(12,920,267)	
7	Over (Under) Recovery Ending Bal.	\$ 35,803,474	\$ 42,336,387	\$ 47,051,739	\$ 55,503,219	\$ 60,913,759	\$ 64,182,332	\$ 68,082,022	\$ 66,490,668	\$ 65,444,687	\$ 57,131,850	\$ 50,816,373	\$ 37,896,106	
8	Over (Under) Recovery Average Bal.	\$ 30,233,766	\$ 39,069,931	\$ 44,694,063	\$ 51,277,479	\$ 58,208,489	\$ 62,548,046	\$ 66,132,177	\$ 67,286,345	\$ 65,967,678	\$ 61,288,269	\$ 53,974,112	\$ 44,356,240	
Carrying Charges														
9	Carrying Charges, Monthly	\$ 133,022	\$ 170,468	\$ 194,480	\$ 223,294	\$ 253,140	\$ 272,222	\$ 288,523	\$ 293,705	\$ 285,921	\$ 249,931	\$ 209,967	\$ 169,797	
10	Carrying Charges, Cumulative	\$ 133,022	\$ 303,490	\$ 497,970	\$ 721,264	\$ 974,404	\$ 1,246,626	\$ 1,535,149	\$ 1,828,854	\$ 2,114,775	\$ 2,364,706	\$ 2,574,673	\$ 2,744,470	\$ 2,744,470
11	Cumulative Over (Under) Recovery	\$ 35,936,496	\$ 42,639,877	\$ 47,549,709	\$ 56,224,483	\$ 61,888,163	\$ 65,428,958	\$ 69,617,171	\$ 68,319,522	\$ 67,559,462	\$ 59,496,556	\$ 53,391,046	\$ 40,640,576	\$ 40,640,576
12	Annual Interest Rate	5.2796%	5.2359%	5.2218%	5.2254%	5.2186%	5.2227%	5.2354%	5.2380%	5.2012%	4.8936%	4.6682%	4.5936%	5.1029%
13	Monthly Interest Rate	0.4400%	0.4363%	0.4352%	0.4355%	0.4349%	0.4352%	0.4363%	0.4365%	0.4334%	0.4078%	0.3890%	0.3828%	

2024 EWR Gas Cumulative Over (Under) Recovery (By Class and Total)

<u>Line</u>	(a) <u>Description</u>	(b) <u>Residential</u>	(c) <u>C&I</u>	(d) <u>Total</u>
<u>Annual Summary</u>				
1	Surcharge Revenue	\$ 40,638,641	\$ 41,329,909	\$ 81,968,550
2	Program Expenses	\$ 50,128,635	\$ 42,766,565	\$ 92,895,200
3	Change in Over (Under) Recovery	\$ (9,489,994)	\$ (1,436,656)	\$ (10,926,650)
<u>Program Over/(Under) Recovery</u>				
4	Over (Under) Recovery Beginning Balance	\$ 1,815,855	\$ (21,533,708)	\$ (19,717,853)
5	Prior Year Carrying Charges	561,456	(265,753)	295,703
6	Change in Balance	(9,489,994)	(1,436,656)	(10,926,650)
7	Over (Under) Recovery Ending Balance	\$ (7,112,683)	\$ (23,236,117)	\$ (30,348,800)
<u>Carrying Charges</u>				
8	Carrying Charges, Cumulative	\$ 409,162	\$ (847,654)	\$ (438,492)
9	Cumulative Over (Under) Recovery	\$ (6,703,521)	\$ (24,083,771)	\$ (30,787,292)
10	Annual Interest Rate	5.10%	5.10%	5.10%

2024 EWR Gas Cumulative Over (Under) Recovery (By Class and Total)

Line	(a) Description	(b) Jan	(c) Feb	(d) Mar	(e) Apr	(f) May	(g) Jun	(h) Jul	(i) Aug	(j) Sep	(k) Oct	(l) Nov	(m) Dec	(n) Total	(o) Source
Residential															
1	Surcharge Revenue	\$ 7,818,393	\$ 9,437,663	\$ 5,278,648	\$ 4,737,089	\$ 2,422,066	\$ 1,115,897	\$ 838,612	\$ 744,954	\$ 790,724	\$ 895,082	\$ 2,006,962	\$ 4,552,549	\$ 40,638,641	Per Books
2	Program Expenses	(\$422,690)	\$5,519,447	\$4,209,880	\$4,779,205	\$3,015,761	\$4,086,887	\$4,565,910	\$3,892,701	\$4,388,438	\$2,608,591	\$4,264,184	\$9,220,322	\$ 50,128,635	Per Books
3	Change in Over (Under) Recovery	\$ 8,241,083	\$ 3,918,216	\$ 1,068,768	\$ (42,116)	\$ (593,695)	\$ (2,970,990)	\$ (3,727,297)	\$ (3,147,746)	\$ (3,597,713)	\$ (1,713,509)	\$ (2,257,222)	\$ (4,667,773)	\$ (9,489,994)	Line 1 - Line 2
<u>Program Over/(Under) Recovery</u>															
4	Over (Under) Recovery Beg. Bal.	\$ 1,815,855	\$ 10,618,394	\$ 14,536,610	\$ 15,605,378	\$ 15,563,262	\$ 14,969,567	\$ 11,998,577	\$ 8,271,280	\$ 5,123,534	\$ 1,525,821	\$ (187,688)	\$ (2,444,910)		Line 7 Prior Month/Year
5	Prior Year Carrying Charges	561,456	-	-	-	-	-	-	-	-	-	-	-	-	Prior Year Ending
6	Change in Balance	8,241,083	3,918,216	1,068,768	(42,116)	(593,695)	(2,970,990)	(3,727,297)	(3,147,746)	(3,597,713)	(1,713,509)	(2,257,222)	(4,667,773)		Line 3
7	Over (Under) Recovery Ending Bal.	\$ 10,618,394	\$ 14,536,610	\$ 15,605,378	\$ 15,563,262	\$ 14,969,567	\$ 11,998,577	\$ 8,271,280	\$ 5,123,534	\$ 1,525,821	\$ (187,688)	\$ (2,444,910)	\$ (7,112,683)		Line 4 + Line 5 + Line 6
8	Over (Under) Recovery Average Bal.	\$ 6,497,853	\$ 12,577,502	\$ 15,070,994	\$ 15,584,320	\$ 15,266,415	\$ 13,484,072	\$ 10,134,929	\$ 6,697,407	\$ 3,324,678	\$ 669,067	\$ (1,316,299)	\$ (4,778,797)		Line 4 + Line 5 + (Line 6 / 2)
<u>Carrying Charges</u>															
9	Carrying Charges, Monthly	\$ 28,588	\$ 54,876	\$ 65,574	\$ 67,870	\$ 66,394	\$ 58,683	\$ 44,219	\$ 29,234	\$ 14,409	\$ 2,728	\$ (5,120)	\$ (18,293)		Line 8 x Line 13
10	Carrying Charges, Cumulative	\$ 28,588	\$ 83,464	\$ 149,038	\$ 216,908	\$ 283,302	\$ 341,985	\$ 386,204	\$ 415,438	\$ 429,847	\$ 432,575	\$ 427,455	\$ 409,162	\$ 409,162	Cumulative Line 9
11	Cumulative Over (Under) Recovery	\$ 10,646,982	\$ 14,620,074	\$ 15,754,416	\$ 15,780,170	\$ 15,252,869	\$ 12,340,562	\$ 8,657,484	\$ 5,538,972	\$ 1,955,668	\$ 244,887	\$ (2,017,455)	\$ (6,703,521)	\$ (6,703,521)	Line 7 + Line 10
12	Annual Interest Rate	5.2795800%	5.2358700%	5.2217600%	5.2254100%	5.2185900%	5.2226900%	5.2353500%	5.2380000%	5.2011600%	4.8935500%	4.6681900%	4.5936400%	5.1028%	Treasury
13	Monthly Interest Rate	0.4400%	0.4363%	0.4351%	0.4355%	0.4349%	0.4352%	0.4363%	0.4365%	0.4334%	0.4078%	0.3890%	0.3828%		Line 12/ 12

2024 EWR Gas Cumulative Over (Under) Recovery (By Class and Total)

Line	(a) Description	(b) Jan	(c) Feb	(d) Mar	(e) Apr	(f) May	(g) Jun	(h) Jul	(i) Aug	(j) Sep	(k) Oct	(l) Nov	(m) Dec	(n) Total	(o) Source
C&I															
1	Surcharge Revenue	\$ 4,952,281	\$ 6,027,486	\$ 6,129,790	\$ 5,508,711	\$ 3,409,822	\$ 1,726,691	\$ 1,391,762	\$ 1,417,091	\$ 1,450,561	\$ 1,585,206	\$ 2,822,933	\$ 4,907,574	\$ 41,329,909	Per Books
2	Program Expenses	\$ 2,567,966	\$ 3,182,408	\$ 4,822,982	\$ 2,330,241	\$ 1,834,780	\$ 3,052,653	\$ 2,462,337	\$ 4,402,706	\$ 3,448,654	\$ 6,812,765	\$ 2,724,832	\$ 5,124,241	\$ 42,766,565	Per Books
3	Change in Over (Under) Recovery	\$ 2,384,315	\$ 2,845,078	\$ 1,306,808	\$ 3,178,470	\$ 1,575,042	\$ (1,325,963)	\$ (1,070,575)	\$ (2,985,615)	\$ (1,998,093)	\$ (5,227,558)	\$ 98,101	\$ (216,666)	\$ (1,436,656)	Line 1 - Line 2
Program Over/(Under) Recovery															
4	Over (Under) Recovery Beg. Bal.	\$ (21,533,708)	\$ (19,415,146)	\$ (16,570,068)	\$ (15,263,260)	\$ (12,084,790)	\$ (10,509,748)	\$ (11,835,711)	\$ (12,906,286)	\$ (15,891,901)	\$ (17,889,994)	\$ (23,117,552)	\$ (23,019,451)		Line 7 Prior Month/Year
5	Prior Year Carrying Charges	\$ (265,753)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Prior Year Ending
6	Change in Balance	\$ 2,384,315	\$ 2,845,078	\$ 1,306,808	\$ 3,178,470	\$ 1,575,042	\$ (1,325,963)	\$ (1,070,575)	\$ (2,985,615)	\$ (1,998,093)	\$ (5,227,558)	\$ 98,101	\$ (216,666)		Line 3
7	Over (Under) Recovery Ending Bal.	\$ (19,415,146)	\$ (16,570,068)	\$ (15,263,260)	\$ (12,084,790)	\$ (10,509,748)	\$ (11,835,711)	\$ (12,906,286)	\$ (15,891,901)	\$ (17,889,994)	\$ (23,117,552)	\$ (23,019,451)	\$ (23,236,117)		Line 4 + Line 5 + Line 6
8	Over (Under) Recovery Average Bal.	\$ (20,607,304)	\$ (17,992,607)	\$ (15,916,664)	\$ (13,674,025)	\$ (11,297,269)	\$ (11,172,730)	\$ (12,370,999)	\$ (14,399,094)	\$ (16,890,948)	\$ (20,503,773)	\$ (23,068,502)	\$ (23,127,784)		Line 4 + Line 5 + (Line 6 / 2)
Carrying Charges															
9	Carrying Charges, Monthly	\$ (90,665)	\$ (78,506)	\$ (69,261)	\$ (59,544)	\$ (49,130)	\$ (48,626)	\$ (53,972)	\$ (62,852)	\$ (73,210)	\$ (83,614)	\$ (89,740)	\$ (88,534)		Line 8 x Line 13
10	Carrying Charges, Cumulative	\$ (90,665)	\$ (169,171)	\$ (238,432)	\$ (297,976)	\$ (347,106)	\$ (395,732)	\$ (449,704)	\$ (512,556)	\$ (585,766)	\$ (669,380)	\$ (759,120)	\$ (847,654)	\$ (847,654)	Cumulative Line 9
11	Cumulative Over (Under) Recovery	\$ (19,505,811)	\$ (16,739,239)	\$ (15,501,692)	\$ (12,382,766)	\$ (10,856,854)	\$ (12,231,443)	\$ (13,355,990)	\$ (16,404,457)	\$ (18,475,760)	\$ (23,786,932)	\$ (23,778,571)	\$ (24,083,771)	\$ (24,083,771)	Line 7 + Line 10
12	Annual Interest Rate	5.2795800%	5.2358700%	5.2217600%	5.2254100%	5.2185900%	5.2226900%	5.2353500%	5.2380000%	5.2011600%	4.8935500%	4.6681900%	4.5936400%	5.1028%	Treasury
13	Monthly Interest Rate	0.4399650%	0.4363225%	0.4351467%	0.4354508%	0.4348825%	0.4352242%	0.4362792%	0.4365000%	0.4334300%	0.4077958%	0.3890158%	0.3828033%		Line 12/ 12

2024 EWR Gas Cumulative Over (Under) Recovery (By Class and Total)

Line	(a) Description	(b) Jan	(c) Feb	(d) Mar	(e) Apr	(f) May	(g) Jun	(h) Jul	(i) Aug	(j) Sep	(k) Oct	(l) Nov	(m) Dec	(n) Total
Grand Total														
1	Surcharge Revenue	\$ 12,770,674	\$ 15,465,149	\$ 11,408,438	\$ 10,245,800	\$ 5,831,888	\$ 2,842,588	\$ 2,230,375	\$ 2,162,045	\$ 2,241,286	\$ 2,480,289	\$ 4,829,895	\$ 9,460,123	\$ 81,968,550
2	Program Expenses	\$ 2,145,276	\$ 8,701,855	\$ 9,032,862	\$ 7,109,446	\$ 4,850,541	\$ 7,139,541	\$ 7,028,247	\$ 8,295,407	\$ 7,837,092	\$ 9,421,356	\$ 6,989,016	\$ 14,344,563	\$ 92,895,202
3	Change in Over (Under) Recovery	\$ 10,625,398	\$ 6,763,294	\$ 2,375,576	\$ 3,136,354	\$ 981,347	\$ (4,296,953)	\$ (4,797,872)	\$ (6,133,362)	\$ (5,595,806)	\$ (6,941,067)	\$ (2,159,121)	\$ (4,884,440)	\$ (10,926,652)
Program Over/(Under) Recovery														
4	Over (Under) Recovery Beg.Bal.	\$ (19,717,853)	\$ (8,796,752)	\$ (2,033,458)	\$ 342,118	\$ 3,478,472	\$ 4,459,819	\$ 162,866	\$ (4,635,006)	\$ (10,768,368)	\$ (16,364,174)	\$ (23,305,241)	\$ (25,464,362)	
5	Prior Year Carrying Charges	295,703	-	-	-	-	-	-	-	-	-	-	-	-
6	Change in Balance	10,625,398	6,763,294	2,375,576	3,136,354	981,347	(4,296,953)	(4,797,872)	(6,133,362)	(5,595,806)	(6,941,067)	(2,159,121)	(4,884,440)	
7	Over (Under) Recovery Ending Bal.	\$ (8,796,752)	\$ (2,033,458)	\$ 342,118	\$ 3,478,472	\$ 4,459,819	\$ 162,866	\$ (4,635,006)	\$ (10,768,368)	\$ (16,364,174)	\$ (23,305,241)	\$ (25,464,362)	\$ (30,348,802)	
8	Over (Under) Recovery Average Bal.	\$ (14,109,451)	\$ (5,415,105)	\$ (845,670)	\$ 1,910,295	\$ 3,969,146	\$ 2,311,343	\$ (2,236,070)	\$ (7,701,687)	\$ (13,566,271)	\$ (19,834,708)	\$ (24,384,802)	\$ (27,906,582)	
Carrying Charges														
9	Carrying Charges, Monthly	\$ (62,077)	\$ (23,630)	\$ (3,687)	\$ 8,326	\$ 17,264	\$ 10,057	\$ (9,753)	\$ (33,618)	\$ (58,801)	\$ (80,886)	\$ (94,860)	\$ (106,827)	
10	Carrying Charges, Cumulative	\$ (62,077)	\$ (85,707)	\$ (89,394)	\$ (81,068)	\$ (63,804)	\$ (53,747)	\$ (63,500)	\$ (97,118)	\$ (155,919)	\$ (236,805)	\$ (331,665)	\$ (438,492)	\$ (438,492)
11	Cumulative Over (Under) Recovery	\$ (8,858,829)	\$ (2,119,165)	\$ 252,724	\$ 3,397,404	\$ 4,396,015	\$ 109,119	\$ (4,698,506)	\$ (10,865,486)	\$ (16,520,093)	\$ (23,542,046)	\$ (25,796,027)	\$ (30,787,294)	\$ (30,787,294)
12	Annual Interest Rate	5.2796%	5.2359%	5.2218%	5.2254%	5.2186%	5.2227%	5.2354%	5.2380%	5.2012%	4.8936%	4.6682%	4.5936%	5.1029%
13	Monthly Interest Rate	0.4400%	0.4363%	0.4352%	0.4355%	0.4349%	0.4352%	0.4363%	0.4365%	0.4334%	0.4078%	0.3890%	0.3828%	

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter, on the Commission's own motion,)
regarding the regulatory reviews, revisions,)
determinations, and/or approvals necessary for)
CONSUMERS ENERGY COMPANY to fully)
comply with Public Act 295 of 2008, as amended)
_____)

Case No. U-21680

DIRECT TESTIMONY

OF

ALLISON M. REIS

ON BEHALF OF

CONSUMERS ENERGY COMPANY

August 2025

ALLISON M. REIS
U-21680 DIRECT TESTIMONY

1 **Q. Please state your name and business address.**

2 A. My name is Allison M. Reis, and my business address is One Energy Plaza, Jackson,
3 Michigan 49201.

4 **Q. By whom are you employed and what is your present position?**

5 A. I am a Residential Demand Side Management Director for Consumers Energy Company
6 (“Consumers Energy” or the “Company”), and I am responsible for the development and
7 implementation of a portfolio of electric and gas residential Energy Waste Reduction
8 (“EWR”) and Demand Response (“DR”) programs.

9 **Q. Please describe your business and professional experience.**

10 A. I hold a bachelor’s degree in marketing and management from Niagara University and a
11 Master of Business Administration from Grand Valley State University. In 2015, I began
12 my career at Consumers Energy as an intern within the Strategy Development and
13 Mobilization Division. In 2016, I was hired as a Marketing and Business Development
14 Specialist supporting the Company’s Appliance Service Plan and promoted to Manager
15 of the Customer Experience Strategy team dedicated to improving customers’ core
16 experiences with Consumers Energy in five priority areas – billing, payment, outage, field,
17 and blue sky. In 2018, I accepted the position of Program Manager of the Dynamic Peak
18 Pricing and Gas Smart Thermostat Programs within the Residential DR team. In this role,
19 I was responsible for the achievement of all program objectives including customer
20 participation, capacity reduction, customer satisfaction, and cost effectiveness. In 2020,
21 I was promoted to Manager of Economic Development where I was responsible for the
22 Company’s economic development strategy, offerings, and metrics for growth
23 opportunities with business customers. In 2021, I was promoted to Manager of Residential

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1 Demand Side Management and in 2024, I began my current role of Residential Demand
2 Side Management Director.

3 **Q. Have you previously testified before the Michigan Public Service Commission**
4 **(“MPSC” or the “Commission”)?**

5 A. Yes, I have provided testimony in the following case:

<u>Case No.</u>	<u>Description</u>
U-21671	2024 EWR Reconciliation

8 **Q. What is the purpose of your direct testimony in this proceeding?**

9 A. I am providing an overview of the residential EWR programs, energy savings, and
10 investments contained in the Company’s 2026-2029 EWR Plan. My testimony is
11 organized as noted below:

- 12 I. Residential Plan Overview
 - 13 a. Programs Offered
 - 14 b. Proposed changes
- 15
- 16 II. Residential Savings and Investments

17 **Q. Are you sponsoring any exhibits with your direct testimony?**

18 A. No.

19 **I. RESIDENTIAL PLAN OVERVIEW**

20 **a. Programs Offered**

21 **Q. What residential programs does the Company propose to provide as part of its**
22 **2026-2029 Plan?**

23 A. Consistent with the savings goals set forth in its approved 2021 Integrated Resource Plan
24 (Case No. U-21090) (“2021 IRP”) and the Company’s Natural Gas Delivery Plan and

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1 taking into consideration new technology standards and evolving market conditions, as
2 detailed in Exhibit A-2 (TAY-2), the following eight residential programs will be offered:

- 3 • Appliance Recycling (detailed on page 45 of the Plan Report);
- 4 • Assessments and Behavioral (detailed on page 49 of the Plan Report);
- 5 • Contractor Rebates (detailed on page 53 of the Plan Report);
- 6 • Market Rate Multifamily (detailed on page 59 of the Plan Report);
- 7 • Retail Rebates (detailed on page 62 of the Plan Report); and
- 8 • Low- and Moderate -Income Qualified (“IQ”) (detailed on page 66 of the Plan
9 Report).
 - 10 ○ Single Family IQ
 - 11 ○ Multifamily IQ
 - 12 ○ Think! Energy

13 **b. Proposed Changes**

14
15 **Q. Please describe the most significant proposed changes to the residential programs**
16 **associated with the 2026-2029 EWR Plan.**

17 A. A central focus of the 2026–2029 EWR Plan is the significant expansion of its IQ
18 programming to better serve low- and moderate-income (“LMI”) customers across its
19 service territory. These enhancements are designed to align with the statutory requirements
20 of 2023 Public Act 229 (“Act 229”) and to advance the Company’s broader equity and
21 environmental justice goals.

22 To comply with Act 229, Consumers Energy will increase its investment levels to
23 allocate 25% of electric and 35% of natural gas EWR spending to its IQ programs.
24 Importantly, the Company is committed to meeting these statutory investment thresholds

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1 prior to the January 1, 2029, deadline, demonstrating proactive compliance in equitable
2 access to energy savings.

3 The Company’s focus remains on serving its most vulnerable customers by
4 continuing to support households earning up to 300% of Federal Poverty Level (“FPL”)
5 under the expanded low-income tier. This foundational commitment ensures that those
6 facing the greatest energy burdens continue to receive prioritized support. By layering
7 support through both the low-income and moderate-income tiers, Consumers Energy aims
8 to provide tailored resources that promote long-term energy affordability, household
9 stability, and overall well-being for those who need it most. In addition to meeting these
10 requirements, the Company is introducing a moderate-income tier—an investment in
11 addition to the funding allocated for IQ (low-income) customers. This new tier will extend
12 benefits to customers earning between 301% and 400% of the FPL. These customers often
13 fall outside traditional assistance programs but still face significant energy burdens and
14 limited access to support.

15 To reduce participation barriers, the Company will maintain its Health and Safety
16 initiative, in compliance with the settlement agreement in Case No. U-21321. This
17 initiative supports customers whose homes require repairs that would otherwise prevent
18 the installation of EWR upgrades, ensuring full participation in the program and ultimately,
19 lower energy bills.

20 Consumers Energy will continue to leverage its Low Income Needs Assessment
21 (“LINA”) and geotargeting tools—including census tract data and the Michigan
22 Environmental Justice (“MiEJScreen”) tool—to identify areas with high concentrations of

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1 income-qualified customers and elevated energy burdens. This data-driven approach
2 enables the Company to:

- 3 • Target marketing and outreach more effectively;
- 4 • Identify potentially eligible customers who may initially engage through
5 market-rate programs;
- 6 • Streamline the income verification processes; and
- 7 • Extend enhanced benefits and incentives to underserved households.

8 Additionally, the Company is exploring ways to expand its IQ offerings to
9 include small businesses, non-profits, community action agencies, and other community-
10 based organizations operating in MiEJ40 areas. These entities often serve vulnerable
11 populations and operate in facilities that would benefit significantly from EWR upgrades.
12 By expanding the scope of the program, Consumers Energy aims to deepen partnerships
13 through increased collaboration, the blending of funding sources, and a commitment to
14 ensuring that facilities serving low-income communities receive equitable support
15 alongside their target customers.

16 The Think! Energy program will continue its focus on LMI communities, with
17 100% of program activities occurring in MiEJ40 areas, reinforcing the Company's
18 commitment to environmental justice.

19 Finally, as part of ongoing efforts to streamline and enhance the residential
20 offerings, Consumers Energy is consolidating multiple programs into a single, unified
21 Contractor Rebate Program. This new structure will now include both the Home Solutions
22 and New Home Construction initiatives. The revised residential program structure is

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1 provided in detail in the Plan Report, which is Exhibit A-2 (TAY-2) sponsored by
2 Company witness Theodore A. Ykimoff.

3 In summary, the proposed changes to the residential program reflect a
4 comprehensive, equity-centered strategy that not only meets statutory obligations but also
5 deepens the Company's reach into underserved communities. The introduction of the
6 moderate-income tier as an additional investment underscores Consumers Energy's
7 commitment to inclusive energy solutions and long-term community impact.

8 **Q. Please describe the Company's overall strategy to serve income-qualified customers
9 through its IQ portfolio, and how that strategy has evolved.**

10 Consumers Energy's strategy to serve IQ customers is rooted in a commitment to equity,
11 accessibility, and long-term energy affordability. The Company's IQ portfolio is designed
12 to ensure that customers facing the highest energy burdens—often in underserved and
13 historically marginalized communities—have access to meaningful energy efficiency
14 solutions.

15 The Company's current strategy is built around three core pillars:

- 16 1) Expanded Eligibility and Tiered Support—broadening the definition of income-
17 qualified customers and expanding the eligibility threshold;
18
19 2) Proactive, Data-Driven Outreach—using tools such as LINA, census tract data,
20 and the MiEJScreen tool to identify high-need areas and target outreach efforts;
21 and
22 3) Barrier Reduction and Holistic Support—addressing structural issues in homes
23 that prevent EWR efforts and exploring ways to extend IQ offerings to small
24 businesses and non-profits that serve vulnerable populations.

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1 Overall, the Company's approach has evolved into a proactive, equity-centered
2 framework. Key improvements include expanding eligibility beyond federal minimums,
3 integrating environmental justice through a focus on MiEJ40 communities, and shifting to
4 data-driven outreach and predictive targeting. The Company is also committed to meeting
5 statutory investment thresholds ahead of the 2029 deadline. These changes reflect a shift
6 toward delivering measurable, long-term benefits to underserved communities.

7 **Q. Please describe the Company's EWR Health and Safety program within both the IQ**
8 **and Multifamily programs.**

9 A. The Health and Safety Program is a vital component of the Company's EWR IQ programs
10 for both single family and multifamily customers. The aim of the program is to provide
11 assistance to customers that helps them overcome health and safety deferrals preventing
12 them from making energy efficiency improvements, up to and including covering 100% of
13 the costs associated with these projects. These include mold remediation; asbestos
14 abatement; leaking roof repair or replacement; structural, electrical, or plumbing repair;
15 addressing inadequate electric panel issues; addressing egress and accessibility issues,
16 among others.

17 As part of the program, the Company will work with agencies and contractors to
18 identify customers who have deferred an EWR project due to a health or safety concern,
19 remedy the concern, and proceed with installation of EWR upgrades. The Health and
20 Safety Program includes three main components:

- 21 • Holistic Homes focuses on working with community agencies to leverage home
22 repair funding to provide home safety repairs and upgrades needed to prepare
23 the home for EWR intervention.
- 24 • Healthier Homes provides core EWR measures coupled with expanded
25 remediation actions to customers with asthma, Chronic Obstructive Pulmonary
26

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1 Disease, and other respiratory issues with the aim to improve indoor air quality
2 and reduce environmental triggers in the home.

- 3 • Multifamily engages trade allies and community agencies to identify and
4 address energy efficiency deferrals where present health and safety issues
5 occur.

6 **Q. Is the proposed IQ program investment consistent with the statutory minimum**
7 **percentage requirements for IQ spending?**

8 A. Yes. The Company's proposed IQ program investment is fully consistent with the statutory
9 requirements established under Act 229, which mandate that utilities allocate a minimum
10 of 25% of electric and 35% of natural gas EWR budgets to income-qualified programs by
11 January 1, 2029. Consumers Energy is on track to meet both the electric and natural gas
12 investment thresholds and is taking proactive steps to ensure compliance ahead of the
13 statutory deadline. This approach reflects the Company's ongoing commitment to
14 equitable energy access and to delivering meaningful benefits to customers facing the
15 highest energy burdens. Details supporting this can be found in the Company's EWR Plan
16 Report, Exhibit A-2 (TAY-2).

17 **Q. Please describe why these changes are important for the success of the overall 2026–**
18 **2029 EWR Plan.**

19 A. As discussed in both the EWR Plan Report and Company witness Ykimoff's testimony:
20 market, regulatory, and other risks continue to erode potential for broad cost-effective
21 EWR programming.

1 **II. RESIDENTIAL SAVINGS AND INVESTMENT**

2 **Q. From the residential programs that the Company plans to implement as part of this**
3 **filing, what are the projected total annualized MWh, MW, and Mcf savings expected**
4 **to be delivered for the EWR Plan period 2026-2029?**

5 A. From 2026 through 2029, the Company projects to deliver a total of 254,337 MWh of
6 first-year electric energy savings, 24.7 MW of demand reduction, and 3,626,222 Mcf of
7 natural gas savings through its residential programs. In addition to these savings, programs
8 specifically targeting LMI customers are projected to achieve an additional 260,062 MWh
9 in annual electric savings, 13.3 MW in annual demand reduction, and 3,631,987 Mcf in
10 natural gas savings over the same period. Annual energy savings for both residential and
11 LMI programs are detailed in the Company's EWR Plan Report, Exhibit A-2 (TAY-2).

12 **Q. How are energy savings calculated in each of the residential programs?**

13 A. The base energy savings values for various measures are contained in the Michigan Energy
14 Measures Database ("MEMD"). For any measures that do not have energy savings
15 included in the MEMD, supporting documentation and engineering calculations must be
16 provided to support claimed energy savings. These are then reviewed by third-party
17 evaluation contractors. Detailed Program Measures are included in Exhibit A-2 (TAY-2).

18 **Q. What is the projected total residential electric and total natural gas program**
19 **investment to deliver these energy savings over the 2026-2029 EWR Plan period?**

20 A. To deliver the energy savings targets over the 2026-2029 EWR Plan period, the Company
21 projects it will need \$238.68 million residential program electric investment and
22 \$220.55 million residential program gas investment, of which \$149.14 million and
23 \$129.63 million is directed to income qualified electric and gas programs, respectively.

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1 Annual program investment detail over this time period can be found in the Company's
2 EWR Plan Report, Exhibit A-2 (TAY-2).

3 **Q. How did the Company determine the investment level for the residential portfolio?**

4 A. Investment in the residential portfolio is based on a number of variables that include
5 historical investment and participation levels, IRP targets, projected incentives, number of
6 measures installed, industry trends, market performance, market potential, and new
7 initiatives offered by the Company.

8 **Q. Are the Company's residential EWR programs, excluding IQ offerings, collectively
9 cost-effective?**

10 A. Yes, the Company's residential EWR programs—excluding IQ offerings—are collectively
11 cost-effective. Cost-effectiveness is evaluated using the Utility Cost Test ("UCT"), as
12 established under Act 295. A UCT score greater than 1.0 indicates that a program is
13 cost-effective, meaning the benefits to the utility exceed the costs. As detailed in the direct
14 testimony of Company witness R. Kenneth Skinner, the collective residential portfolio
15 meets this standard. The UCT results demonstrate that the residential EWR programs,
16 when considered together (excluding IQ programs), deliver net benefits to the utility and
17 its customers. Supporting data, including the UCT scores for the overall residential
18 portfolio and for individual residential programs, can be found in Exhibit A-2 (TAY-2),
19 Table ES-5.

20 **Q. How does the Company demonstrate that its investment in the residential programs
21 is achieving the desired results?**

22 A. Consistent with the approach used since 2009, the Company filed annual reconciliation
23 reports with the Commission after the end of each plan year detailing dollars invested for

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1 each program and energy saved for each program by customer class (residential,
2 non-residential) in the previous year. Such reports provide sufficient detail to allow the
3 Commission to determine that the Company is complying with the Commission's orders
4 and statutory requirements.

5 **Q. Does this conclude your direct testimony?**

6 A. Yes.

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter, on the Commission's own motion,)
regarding the regulatory reviews, revisions,)
determinations, and/or approvals necessary for)
CONSUMERS ENERGY COMPANY to fully)
comply with Public Act 295 of 2008, as amended.)
_____)

Case No. U-21680

DIRECT TESTIMONY

OF

R. KENNETH SKINNER

ON BEHALF OF

CONSUMERS ENERGY COMPANY

August 2025

R. KENNETH SKINNER
U-21680 DIRECT TESTIMONY

1 **Q. Please state your name and business address.**

2 A. My name is Dr. R. Kenneth Skinner. I am Vice President of Integral Analytics, Inc.,
3 (“IA”). My business address is One Riverfront Place, 300 Dave Cowens Drive #1010,
4 Newport, Kentucky 41071.

5 **Q. Who is IA?**

6 A. With dozens of utility clients, IA (based in Cincinnati Ohio) is the nation’s foremost
7 supplier of demand side management (“DSM”) cost effectiveness analysis software. For
8 over 20 years, IA has supplied cost-effectiveness software, analytics, testimony and
9 program planning, reconciliation, and evaluation support for many leading U.S. utilities.
10 As part of its set of software tools, IA developed the DSMore model which is used for
11 valuing the cost-effectiveness of energy efficiency and demand response programs across
12 30 states. IA develops accurate valuations by capturing all avoided costs and the
13 covariance between prices and loads, and values these impacts across 30 years of actual
14 hourly weather patterns, which ensures accuracy in quantifying avoided costs. Focused on
15 operational, planning, and market research solutions for the energy industry, IA’s team of
16 experts have extensive experience conducting technically defensible cost-effectiveness
17 evaluations of distributed energy resources, including energy efficiency and demand
18 response programs, while concurrently supporting program potential, impact evaluations,
19 conjoint analysis, market segmentation research, and market opportunity assessments.
20 IA’s analytical, programming, and statistical methods offer clients more robust evaluation,
21 faster and more affordably. By providing customers with analytical tools and consulting
22 services that are integral to their success, IA can quickly identify whether programs are on
23 track for reaching savings goals rather than waiting a full year to discover if programs are

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1 effective. In support of this goal, IA depends on a core staff that includes some of the best
2 and brightest engineering, statistical, and operations research talent in the country. Our
3 subject matter experts have testified in over 50 regulatory proceedings and our software
4 has evaluated over \$50 billion in energy savings nationally for numerous utilities, public
5 utility commission proceedings, and stakeholder filings over the last 20 years.

6 **Q. Can you summarize your educational background and professional qualifications?**

7 A. I earned a Ph.D. in Energy Economics from the Colorado School of Mines. I have
8 published hundreds of energy-related papers and served as the technology columnist for
9 Wiley Natural Gas and Electricity Journal. I am a noted speaker on energy related topics
10 for organizations such as the Association of Energy Services Professionals, International
11 Association for Energy Economics, The American Council for an Energy-Efficient
12 Economy, Peak Load Management Alliance, INFORMS, Infocast, EUCI, and SNL
13 Energy. I currently instruct for PGS Energy Training, SNL Energy, Euro-Money and
14 Utility Workshops and have developed several energy related courses.

15 **Q. Can you describe your professional background and experience?**

16 A. I have over thirty years of energy industry experience including conservation, energy
17 efficiency, demand response, and integrated demand side management program
18 design, potential assessment, measurement and verification, risk assessment, and cost-
19 effectiveness analysis. Prior to beginning work with IA in 2006, I worked as an energy
20 consultant leading the economic analysis and modeling of demand side energy projects
21 including energy price forecasting, measurement and verification of energy savings,
22 econometric analysis, optimization, and project risk assessment.

R. KENNETH SKINNER
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1 **Q. Have you previously provided testimony before the Michigan Public Service**
2 **Commission (“MPSC” or the “Commission”)?**

3 A. Yes, I testified on behalf of Consumers Energy Company (“Consumers Energy” or the
4 “Company”) in its 2024 Energy Waste Reduction (“EWR”) Plan Reconciliation, Case No.
5 U-21671. In addition, I have filed testimony for Xcel Energy in Colorado, Duke Energy
6 in North Carolina, Pacific Gas and Electric and San Diego Gas and Electric in California,
7 and CMS Energy in Texas.

8 **Q. What is the purpose of your direct testimony in this proceeding?**

9 A. The purpose of my direct testimony is to (i) describe how IA helped Consumers Energy
10 model the cost-effectiveness of its 2026-2029 EWR Program Plan, (ii) describe the
11 cost-effectiveness modeling for the EWR programs, and (iii) provide the results
12 demonstrating that the EWR portfolio included in the Plan is cost effective using the Utility
13 System Resource Cost Test (“UCT” or “USRCT”) (excluding the low-income customers).

14 **Q. Are you sponsoring any exhibits?**

15 A. No.

16 **Q. Will you describe the services your firm has provided for Consumers Energy?**

17 A. IA provided cost-effectiveness modeling services utilizing the DSMore modeling tool to
18 calculate and report cost-effectiveness of the Company’s proposed EWR programs. In
19 addition, IA worked with Morgan Marketing Partners during the creation of the Michigan
20 Energy Measures Database (“MEMD”) and is currently the lead contractor responsible for
21 its maintenance. The MEMD serves as the basis for development of initial energy
22 efficiency savings calculations and potential savings for energy efficiency programs for
23 use by all Michigan utilities in their cost-effectiveness modeling.

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1 **Q. How was cost-effectiveness of the Company's EWR programs determined?**

2 A. The DSMore cost analysis tool was used to calculate and report cost-effectiveness for the
3 Company's EWR programs using the UCT, as defined by 2008 PA 295, as amended.
4 Consumers Energy's programs must be cost effective utilizing the UCT, but several other
5 cost-effectiveness tests were performed and their results along with the UCT are tabulated
6 in Exhibit A-2 (TAY-2). Furthermore, 2023 PA 235 revised the Utility System Resource
7 Cost Test to reflect use of a societal discount rate based on actual long-term United States
8 treasury bond yields, as specified in MCL 460.1013.

9 **Q. Please describe the DSMore modeling tool.**

10 A. Developed and licensed by IA, the DSMore tool is an award-winning modeling software
11 that is nationally recognized and used in many states across the country to determine
12 cost-effectiveness of energy efficiency programs. The DSMore cost-effectiveness
13 modeling tool takes hourly prices and hourly energy savings from the specific
14 measures/technologies being considered for each energy efficiency program and then
15 correlates both to weather. The algorithm used by the modeling software looks at over
16 30 years of historic weather variability to fully capture the weather variances. In turn, this
17 allows the model to capture the low probability but high consequence weather events and
18 apply appropriate value to them. Thus, a more accurate view of the value of the efficiency
19 measure can be captured in comparison to alternative supply options.

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1 **Q. Can you please describe the various tests run in DSMore modeling?**

2 A. Tables 313 and 314 in Exhibit A-2 (TAY-2) show the cost-effectiveness test results for the
3 Company's planned electric and natural gas EWR programs in total, by residential and
4 business classes, and for each program. The various test results shown are for the following
5 tests:

6 • UCT/USRCT: This is the ratio of the net benefits of the programs to the
7 program costs incurred by the utility for the programs. For a program to be
8 cost-effective, this ratio needs to exceed one (a score of 1.0 or higher indicates
9 a program that is cost-effective).

10 • Total Resource Cost Test: This is the total avoided cost divided by the program
11 costs plus the participant's costs. Incentives paid to the customer are in both
12 the cost and benefit sides of the equation, and so cancel each other out.

13 • Participant Test: This is the participant's benefits in energy savings from their
14 bill plus their incentives divided by their costs to participate.

15 • Rate Impact Measure: This is the avoided cost benefits divided by the program
16 costs and lost revenues.

17 **Q. What EWR program costs and savings were used for the cost-effectiveness
18 calculation?**

19 A. Energy savings and participation amounts were provided, by measure, from the Company's
20 planning team. Participation estimates multiplied by the MEMD savings value over the
21 life of the measure yields the lifetime savings results used in the DSMore model. Program
22 costs and savings are based on the 2026-2029 EWR Plan model developed by the
23 Consumers Energy Planning Team. Additional information such as measure life and
24 incremental cost was taken from the 2025 MEMD. The plan also includes custom savings
25 from unique measure applications of business customers and Home Energy reports; custom
26 savings are verified by third-party evaluators.

1 **Q. What type of utility information is used in the DSMore modeling tool to determine**
2 **cost-effectiveness of EWR programs?**

3 A. For utility information, DSMore utilizes utility rates; escalation rates; discount rates for the
4 utility, society, and the participant tests; and avoided costs.

5 **Q. What is the source of the utility information used for Consumers Energy's DSMore**
6 **modeling inputs?**

7 A. The utility inputs were provided to me by Consumers Energy.

8 **Q. Within the DSMore model, how are the avoided electric benefits computed?**

9 A. The avoided electric benefits in the Company's analysis are derived using historic hourly
10 price data from the Midcontinent Independent System Operator, Inc. ("MISO") market and
11 hourly weather data to determine the value of the saved electricity. The electric savings,
12 by measure, are applied at specific hours over the year since prices vary by hour. These
13 prices are weighted based on the probability of weather variations over 30 years of weather
14 history so that the full range of weather and prices are properly captured. Each hour has a
15 unique price which is then escalated over time. This assures that the savings reflect the
16 value you would expect to see in the market over time from the avoided energy sales.

17 **Q. Within the DSMore model, how are the avoided gas benefits calculated?**

18 A. The avoided energy benefits for natural gas are calculated using weather adjusted prices,
19 similar to the electric, but are based on gas prices from the Henry Hub sales market. Gas
20 prices are based on daily gas prices, versus hourly prices for electric. Again, the purpose
21 is to best represent the expected value of the energy savings in the marketplace.

R. KENNETH SKINNER
U-21680 DIRECT TESTIMONY

1 **Q. What are net benefits?**

2 A. Net benefits are the computed avoided cost benefits, which I described previously, minus
3 the program costs to acquire those benefits. The net lifetime benefits (not including
4 low-income programs) for electric are \$963,297,230 and gas \$374,098,724 for a total net
5 benefit of \$1,337,395,953.

6 **Q. What type of program information is used as inputs into the DSMore model?**

7 A. Inputs into the model include participation rates, incentives paid, energy savings of the
8 measure, life of the measure, implementation costs, administrative costs, and any
9 incremental costs incurred by participants when installing an efficiency measure.

10 **Q. Please provide the detailed information on the UCT calculation.**

11 A. As described earlier, the UCT is the ratio of the net benefits of the EWR programs to the
12 program costs incurred by the utility. For an EWR program to be cost-effective, this ratio
13 needs to exceed one. The formula for the UCT is:

$$UCT = \text{Program Benefits} / \text{Program Costs}$$

15 Program Benefits (net of free riders) were calculated by DSMore based on the
16 avoided cost of energy and demand for electric, and the avoided cost of gas. The electric
17 energy savings (including pilots and education energy savings and excluding Income
18 Qualified savings) for the four years are equal to 20,728,948 net Lifetime MWh for
19 business customers, and 2,454,562 net Lifetime MWh for residential customers. Electric
20 coincident demand savings for the four years total 241,317 net kW for business customers
21 and 27,698 net kW for residential customers. The avoided costs were calculated using the
22 DSMore model by looking at the time of savings for each measure and the historic
23 weather-weighted value during that time. Gas energy savings were 65,240,884 net

R. KENNETH SKINNER
U-21680 DIRECT TESTIMONY

1 Lifetime Mcf for business customers and 44,996,068 net Lifetime Mcf for residential
2 customers with calculated avoided costs based on the time of savings and the historic daily
3 weather-weighted value. Also included in the avoided value calculation were transmission
4 and distribution avoided costs as well as line losses. Total Avoided Cost Benefits for the
5 total Portfolio is \$2,657,803,945 (present valued) including low income and
6 \$2,171,450,107 excluding low income.

7 Program costs are split into three categories for each program: incentives,
8 implementation, and direct install costs. In addition, other costs such as education and
9 awareness, pilots, support costs, and performance incentives are added at the portfolio
10 levels. The total expected 2026-2029 EWR Program investment is \$834,054,153 (present
11 valued excluding the utility performance incentive and low income spend).

12 To complete the equation:

13 $\$2,171,450,107$ in benefits divided by $\$834,054,153$ in program costs = 2.60 UCT

14 **Q. Please describe the cost-effectiveness results for Consumers Energy's EWR**
15 **programs.**

16 A. All Consumers Energy EWR programs are collectively cost-effective with the Gas
17 Program Portfolio UCT score of 2.82 and the Electric Program Portfolio UCT score of
18 2.53. The Combined Fuel Portfolio UCT score is 2.60. This means that the energy savings
19 benefits are 182% greater than the program costs for gas, 153% greater than the program
20 cost for electric, and 160% greater than the program cost for the combination of gas and
21 electric savings.

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1 **Q. Based on the results of your work, do Consumers Energy's EWR programs meet**
2 **statutory and MPSC cost-effectiveness requirements?**

3 A. Yes. Based on the analysis I performed using the DSMore model, the Company's 2026-
4 2029 EWR Program Plan passes the cost-effectiveness test in accordance with the
5 guidelines outlined by the MPSC and the legislative requirements of 2008 PA 295, as
6 amended. This analysis was performed in accordance with MPSC guidelines and did not
7 include low-income programs. The results of my analysis are provided in Exhibit A-2
8 (TAY-2), Tables 312, 313, and 314.

9 **Q. Does this complete your direct testimony?**

10 A. Yes, it does.

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter, on the Commission's own motion,)
regarding the regulatory reviews, revisions,)
determinations, and/or approvals necessary for)
CONSUMERS ENERGY COMPANY to fully)
comply with Public Act 295 of 2008, as amended.)
_____)

Case No. U-21680

DIRECT TESTIMONY

OF

GREGORY E. STEVENSON

ON BEHALF OF

CONSUMERS ENERGY COMPANY

August 2025

GREGORY E. STEVENSON
U-21680 DIRECT TESTIMONY

1 **Q. Please state your name and business address.**

2 A. My name is Gregory (Greg) E. Stevenson. My business address is One Energy Plaza,
3 Jackson, Michigan 49201.

4 **Q. Please describe your current position and responsibilities.**

5 A. I am the Director of Product Innovation for Consumers Energy Company (“Consumers
6 Energy” or the “Company”), and I am responsible for the development and implementation
7 of Consumers Energy’s Demand Side Management (“DSM”) pilots including electric and
8 gas Energy Waste Reduction (“EWR”) pilots.

9 **Q. Please describe your education and professional experience.**

10 A. I hold a bachelor’s degree in Telecommunications and Information Management from
11 Western Michigan University and a master’s degree in Management from the Broad
12 Graduate School of Management at Michigan State University. I have been employed at
13 Consumers Energy since 2010, where I began my career as an information technology
14 analyst responsible for developing quality management tools and system architecture. In
15 2013, I took a position as a senior strategy consultant, where I was responsible for
16 analyzing business, social, and technical trends and how they impacted company strategies,
17 with a focus on the Company’s customer strategy. In 2016, I was promoted to Director of
18 Strategy Integration, where I was responsible for directing the strategic planning, analysis,
19 and integration efforts of the Company’s customer organizations. In 2018, I took a position
20 as the Director of Customer Pricing Programs, where I was responsible for leading the team
21 that implemented the default time-of-use rate, RSP_1001, among other customer pricing
22 efforts. In 2021, I took a position as the Director of Small and Medium Business Customer
23 Programs, where I was responsible for the EWR and Demand Response programs for Small

GREGORY E. STEVENSON
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1 & Medium Business Customers. I took my current role, Director of Product Innovation,
2 in 2023, and I am responsible for the Company's EWR and Demand Response product
3 innovation and piloting workstreams, which include responsibility for leading a team of
4 pilot managers, developing strategic focus areas, and directing the product lifecycle
5 management activities of the customer pilot's portfolio.

6 **Q. Have you previously filed testimony with the Michigan Public Service Commission**
7 **("MPSC" or the "Commission")?**

8 A. Yes, I provided testimony in the Company's 2024-2025 EWR Plan, Case No. U-21321.

9 **Q. What is the purpose of your direct testimony in this proceeding?**

10 A. The purpose of my direct testimony is to provide an overview of the EWR Pilot Program
11 contained in the Company's 2026-2029 EWR Plan.

12 My testimony is ordered as noted below:

13 I. PROGRAM OVERVIEW

14 II. PROPOSED PILOTS AND INVESTMENTS

15 III. CURRENT PILOT UPDATES

16 **Q. Are you sponsoring any exhibits with your direct testimony?**

17 A. No.

18 **PROGRAM OVERVIEW**

19 **Q. What are the primary objectives of the EWR Pilot Program?**

20 A. The primary objectives of the Company's EWR Pilot Program are to: (i) explore and
21 evaluate technologies, measures, processes, and programs that do not currently exist in the
22 Company's EWR customer offerings to ensure continued energy savings opportunities as
23 EWR policies and measures change through market transformation and other impacts;

GREGORY E. STEVENSON
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1 (ii) understand business and residential customer needs and how those needs can be met
2 with EWR solutions to provide additional value to customers; and (iii) use customer
3 feedback and research to identify, test, and evaluate opportunities to promote, encourage,
4 and support customer participation in EWR across all customer segments.

5 **Q. How are pilots developed, managed, and implemented?**

6 A. To develop, manage, and implement pilots, the Company's EWR Pilot Program follows a
7 multi-stage process with the utilization of implementation contractors and specialized
8 technology vendors. The three main stages of piloting include ideate, pilot, and propose.
9 During the ideate stage, ideas are collected and evaluated for desirability (customer need),
10 viability (value/energy savings potential), and feasibility (strategic fit and capabilities). If
11 an idea passes evaluation, it becomes a pilot where contracting is completed, investment is
12 allocated, and the pilot design is finalized with assumptions in a test plan, and the pilot is
13 launched with customers in the Company's service territory. Finally, during the proposal
14 stage, once a pilot has identified learnings based on its scope and design criteria, a sunset
15 or scale proposal is made to stakeholders for approval, and a pilot is commercialized if it
16 shows cost-effective energy savings.

17 **Q. What are the current strategic focus areas of the EWR Pilot Program?**

18 A. The current strategic focus areas for the EWR Pilot Program consist of core measures
19 and/or program improvements and energy management. Energy management in this
20 context is defined as the proactive and systematic visualization, monitoring, control, and
21 optimization of an organization or household's energy consumption to conserve use and
22 decrease energy costs. Pilot opportunities supporting low-to-moderate income customers

1 are also a focus area, including new methods to reach and enable these customers to
2 participate in EWR programs.

3 **PROPOSED PILOTS AND INVESTMENT**

4 **Q. Is the Company making any proposed changes to its general EWR Pilot Program?**

5 A. Yes. Due to the outcome of Case No. U-21567, the Company is proposing an adjustment
6 to pilot investment up to 5% of the Company's program spend to meet the legislatively
7 mandated minimum savings, with no separate allocation for other pilot types.

8 **Q. Is the Company proposing a pilot program as part of its 2026-2029 EWR Plan?**

9 A. Yes. The Company has included a mix of pilots across customer segments (business and
10 residential) and fuels (natural gas and electric) as part of its proposed EWR Plan and will
11 manage its pilot portfolio, exercising flexibility and adjusting its mix of pilot projects,
12 through the 2026-2029 EWR Plan period. Pilot programs are discussed in Exhibit A-2
13 (TAY-2). As part of the Company's agile and flexible pilot program design, the list is not
14 exhaustive and will be frequently updated to reflect changes in customer needs, stakeholder
15 feedback, market changes, and energy savings opportunities.

16 **Q. Is the Company considering pilot initiatives other than those listed in the exhibit
17 above?**

18 A. Yes. The Company is always considering ideas for potential pilots and research, on a
19 continuous basis, for business and residential customers. Potential ideas are considered in
20 collaboration with stakeholders, Commission Staff, evaluation teams, other utilities, and
21 research and development partners to ensure achievement of the pilot program objectives
22 stated above.

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1 **Q. What is the projected total pilot program investment over the 2026-2029 EWR Plan**
2 **period?**

3 A. The Company is projecting \$46.5 million of pilot program investment, comprising
4 \$31.4 million electric and \$15.1 million gas investment for the 2026-2029 EWR Plan
5 period. Annual and sector (i.e. business and residential) investment detail over this period
6 can be found in the Company's EWR Plan Report, Exhibit A-2 (TAY-2).

7 **Q. Why is investment in an EWR Pilot Program important?**

8 A. Pilots play a critical role by providing opportunities for the Company to design and test
9 innovative approaches and new technologies to determine if cost-effective energy savings
10 can be realized. The general EWR Pilot Program provides the ability to test energy savings
11 opportunities while assessing adoption potential, customer satisfaction, and ancillary
12 benefits (e.g., health impacts, reduced emissions, energy equity opportunities, and more)
13 to determine and advise if adoption as part of the broader EWR portfolio and broader
14 investment is beneficial and prudent. As the energy market changes more rapidly,
15 investment in pilots is of critical importance to identifying new energy-saving opportunities
16 to support the EWR portfolio and the Company's aggressive savings goals.

17 **Q. How are deemed energy savings calculated for pilot programs?**

18 A. The deemed energy savings for pilots are calculated based on the percentage of pilot
19 funding and the energy savings delivered from their commercialized programs. As shown
20 in Exhibit 2 (TAY-2), the Company's up to 5% investment in pilots results in projected
21 deemed pilot savings of 99,861 MWh and 532,725 Mcf.

1 CURRENT PILOT UPDATES

2 **Q. Does the Company have updates on pilots that have been described in previous**
3 **filings?**

4 **A.** Yes. The Company has updates on the following pilots:

5 **1. Combined Heat and Power (“CHP”):** Consumers Energy launched a CHP
6 pilot in 2025 to identify customers interested in pursuing CHP solutions and
7 test potential benefits by offering incentives coupled with technical assistance
8 to design, develop, and install projects. CHP is a behind-the-meter solution that
9 captures waste heat from industrial processes or utilizes cogeneration facilities
10 to generate electricity for onsite applications while directing waste heat for
11 space heating, water heating, dehumidification, sanitation, or end uses at the
12 facility. Since launch, Consumers Energy has supported two CHP units at two
13 customer locations. Both participant projects are hospitals and will employ
14 natural gas-fired reciprocating engines; one is 2 MW, and the other is 400 kW.
15 The project will capture necessary data to account for the full energy impact of
16 each project from an electric and natural gas perspective. Under current rules,
17 the claimable savings from these projects will be the amount of natural gas
18 offset by capturing and utilizing the waste heat. The current estimate is that one
19 customer’s CHP unit will be completed and operating by the end of Q1 2026
20 and the other by Q1 2027.

21 **2. Contractor Tools Settlement Agreement Pilot:** Per the settlement agreement
22 in Case No. U-21321, the Company launched an effort in 2024 to support
23 contractors by removing barriers to acquiring new home performance
24 assessment tools. The Company has agreed to a workplan with its implementors
25 to supply sets of blower doors and infrared cameras to contractor firms that send
26 and graduate their employees from our Workforce Development Upskilling
27 Program. The contractor’s company will receive one set per each employee that
28 graduates. The Company is also exploring a partnership with the Kalamazoo
29 Climate Crisis Coalition to provide tools for graduates in their workforce
30 development program. In total, 25 sets of equipment will be distributed starting
31 in August/September and concluding no later than December 31, 2025.

32 **3. Lighting and HVAC Settlement Agreement Pilot:** Per the settlement
33 agreement in Case No. U-21321, the Company launched an effort in 2024 to
34 integrate HVAC and Lighting controls systems. The Company has been in
35 contact with Design Lights Consortium (“DLC”) to provide input and guidance
36 on the creation of their Networked Lighting Controls (“NLC”) qualified product
37 list (“QPL”). The QPL not only qualifies various pieces of NLC hardware but
38 also produces Measurement & Verification reports for utility rebate programs
39 so they can streamline their evaluation, as well as “owner’s manuals” for the
40 customers that have them installed. The Company’s third-party evaluator, TRC
41 Companies (“TRC”), has reviewed the Measurement and Verification reports

GREGORY E. STEVENSON
U-21680 DIRECT TESTIMONY

1 generated from field testing performed in Wisconsin. TRC concluded that the
2 reports would be highly useful to evaluate and justify savings if calibrated to
3 the Michigan Energy Measures Database's baselines and assumptions. The
4 next phase of DLC's Networked Lighting Controls Qualified Product List is to
5 integrate HVAC, with the Company continuing to provide input to DLC as they
6 refine their offering.

7 **Q. Does this conclude your direct testimony?**

8 **A. Yes.**

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter, on the Commission's own motion,)
regarding the regulatory reviews, revisions,)
determinations, and/or approvals necessary for)
CONSUMERS ENERGY COMPANY to fully)
comply with Public Act 295 of 2008, as amended)
_____)

Case No. U-21680

DIRECT TESTIMONY
OF
NICHOLAS I. TABA
ON BEHALF OF
CONSUMERS ENERGY COMPANY

August 2025

1 **INTRODUCTION AND QUALIFICATIONS**

2 **Q. Please state your name and business address.**

3 A. My name is Nicholas I. Taba, and my business address is 4600 Coolidge Highway, Royal
4 Oak, Michigan 48073.

5 **Q. By whom are you employed and in what capacity?**

6 A. I am employed by Consumers Energy Company (“Consumers Energy” or the
7 “Company”) as Demand Side Management Director of Product Management responsible
8 for business Energy Waste Reduction (“EWR”) and Demand Response (“DR”) programs.

9 **Q. Please review your educational background.**

10 A. I received a bachelor’s degree in chemistry from the University of South Florida. I have
11 completed one year of an Executive MBA Program from Wayne State University.

12 **Q. Please describe your education and professional experience.**

13 A. My utility experience started in 2012 at DTE Energy as an engineer at Fermi 2 Nuclear
14 Power Plant. In 2017, I joined Consumers Energy as a Quality Engineer supporting Gas
15 Operations Quality. In 2019, I became the Manager of Operations Performance
16 supporting Gas Operations. In 2021, I became the Director of Operations Compliance
17 and Controls initiating and implementing our Enterprise Corrective Action Program
18 (“ECAP”). In 2024, I became the Director of Demand Side Management – Commercial
19 and Industrial (“C&I”) Products.

20 **Q. Have you previously testified before the Michigan Public Service Commission
21 (“MPSC” or the “Commission”)?**

22 A. I previously submitted testimony in the Company’s 2024 EWR Reconciliation, Case No.
23 U-21671.

1 **Q. What is the purpose of your direct testimony in this proceeding?**

2 A. The purpose of my direct testimony is to describe the Company's business EWR
3 programs, program costs, energy savings, and capacity savings in the Company's
4 proposed 2026-2029 EWR Plan.

5 My testimony is organized as noted below:

6 I. Business Plan Overview

7 II. Business Savings and Investments

8 **Q. Are you sponsoring any exhibits with your direct testimony?**

9 A. No.

10 **I. BUSINESS PLAN OVERVIEW**

11 **Q. What business programs does the Company propose to provide as part of its
12 2026-2029 EWR Plan?**

13 A. Consistent with the savings goals set forth in its approved 2021 Integrated Resource Plan
14 (Case No. U-21090) ("2021 IRP") and the Company's Natural Gas Delivery Plan and
15 taking into consideration new technology standards and evolving market conditions, the
16 following four business programs will be offered:

- 17
- Custom Solutions ;
 - Midstream programming;
 - Prescriptive Solutions, and
 - Small Business programming (detailed on page 95 of the Plan Report).
- 18
- 19
- 20

21 These programs are detailed in the Business Portfolio section of the Company's 2026-
22 2029 EWR Plan Report ("Plan Report"), provided as Exhibit A-2 (TAY-2).

1 **Q. Please describe the most significant proposed changes to the business programs**
2 **associated with the 2026-2029 EWR Plan.**

3 A. In the prior EWR Plan, Consumers Energy’s Business portfolio was organized into two
4 primary programs: the Large C&I portfolio and the Small and Medium Business
5 (“SMB”) portfolio. While this structure provided a solid foundation, the evolving needs
6 of business customers and the increasing complexity of energy efficiency solutions have
7 led to a more refined and targeted approach.

8 For the 2026–2029 EWR Plan, Consumers Energy is restructuring the Business
9 portfolio into four distinct programs:

- 10 • Prescriptive Solutions – Designed for large C&I customers, this program
11 offers a streamlined path to implement standardized, proven energy-saving
12 measures with predictable outcomes.
- 13 • Custom Solutions – Designed for large C&I customers with complex or
14 unique energy efficiency opportunities. This program supports tailored,
15 site-specific projects that require engineering analysis and customized
16 implementation strategies.
- 17 • Midstream Program – Serving all commercial customer segments, this
18 program works directly with distributors and retailers to promote high-
19 efficiency equipment at the point of sale, simplifying the customer
20 experience and accelerating market adoption.
- 21 • Small Business Solutions – A dedicated program for small business
22 customers, offering accessible participation pathways and delivery models
23 tailored to the needs of this traditionally underserved and hard-to-reach
24 segment. Due to declining savings and increasing acquisition costs of
25 saved energy, Consumers Energy will sunset the lighting buydown
26 component of the Small Business program in 2026.

27 This evolution from two to four programs allows Consumers Energy to better
28 align program design and delivery with the specific needs of each business segment. By
29 distinguishing between Custom and Prescriptive Solutions for large C&I customers, and
30 by enhancing the focus on small businesses and midstream channels, the Company is

NICHOLAS I. TABA
U-21680 DIRECT TESTIMONY

1 positioned to drive deeper energy savings, improve customer satisfaction, and support
2 broader energy efficiency goals across Michigan’s commercial sectors.

3 **Q. How does the Company’s business EWR programming provide value to customers?**

4 A. The Company’s business EWR programs help business customers reduce energy use and
5 costs by promoting high-efficiency technologies. The 2026–2029 EWR portfolio
6 includes targeted programs for Business customers (Prescriptive and Custom Solutions),
7 a dedicated Small Business program, and a Midstream offering for all business sectors.
8 This structure allows for tailored strategies that improve participation and savings.
9 Additional details, including projected savings and cost-effectiveness, are provided in the
10 Plan Report, Exhibit A-2 (TAY-2). The C&I EWR Program generates energy savings for
11 business customers through the promotion of high-efficiency electric and natural gas
12 equipment. The primary objectives of the program are to increase the market share of
13 commercial-grade high-efficiency technologies sold through existing market channels,
14 increase the installation rate of high-efficiency technologies in facilities that would not
15 have done so in the absence of the program, and improve the operating efficiency of
16 existing long-life equipment. The C&I business programs included in the EWR Plan
17 provide an achievable approach to meeting the needs of large business customers,
18 expanding interest and participation in business EWR programs, and cost-effectively
19 delivering increased gas and electric savings targets in line with the Company’s approved
20 IRP. While the C&I program is targeted to large business customers, SMB customers
21 eligible for the SMB EWR programs are eligible to participate in the C&I program as
22 well.

1 **II. SAVINGS AND INVESTMENTS**

2 **Q. For the business programs the Company plans to implement as part of this filing,**
3 **what are the projected total annualized MWh, MW, and Mcf savings expected to be**
4 **delivered during the EWR Plan period from 2026 through 2029?**

5 A. From business programs, the Company projects to deliver a total of first-year energy
6 savings of 2,051,926 MWh, 242.5 MW, and 4,643,586 Mcf during the 2026 to 2029
7 period. Annual energy savings for this timeframe are detailed in the Plan Report, Exhibit
8 A-2 (TAY-2).

9 **Q. How are energy savings calculated in each of the business programs?**

10 A. The base energy savings values for various measures are contained in the Michigan
11 Energy Measures Database (“MEMD”). For any measures that do not have energy
12 savings included in the MEMD, supporting documentation and engineering calculations
13 must be provided to support claimed energy savings. These are then reviewed by third
14 party evaluation contractors. Detailed Program Measures are included in Exhibit A-2
15 (TAY-2).

16 **Q. What is the basis for the expected energy savings?**

17 A. The basis for expected energy savings is historical performance of past programs,
18 industry trends, market performance, and new initiatives and incentives offered by the
19 Company. The various business programs being proposed in this case are expected to
20 deliver the first-year savings shown in Exhibit A-2 (TAY-2), Table ES-5.

21 **Q. What is the projected total business electric and total natural gas program**
22 **investment to deliver these energy savings over the 2026–2029 EWR Plan period?**

23 A. To deliver the energy savings targets over the 2026–2029 EWR Plan period, the
24 Company projects it will need \$414.85 million in business program electric investment

NICHOLAS I. TABA
U-21680 DIRECT TESTIMONY

1 and \$87.26 million in business program gas investment. Annual program investment
2 details for this period can be found in the Plan Report, Exhibit A-2 (TAY-2).

3 **Q. How did the Company determine the investment level for the Business portfolio?**

4 A. Investment in the Business portfolio is based on a number of variables that include
5 historical investment and participation levels, IRP targets, projected incentives, number
6 of measures installed, industry trends, market performance, market potential, and new
7 initiatives offered by the Company.

8 **Q. Are the Company's business EWR programs collectively cost-effective?**

9 A. Yes, the Company's business EWR programs are collectively cost-effective. Cost-
10 effectiveness is evaluated using the Utility Cost Test ("UCT"). A UCT score greater than
11 1.0 indicates that a program is cost-effective, meaning the benefits to the utility exceed
12 the costs. As detailed in the direct testimony of Company witness R. Kenneth Skinner,
13 the collective business portfolio meets this standard. The UCT results demonstrate that
14 the business EWR programs, when considered together, deliver net benefits to the utility
15 and its customers. Supporting data, including the UCT scores for the overall business
16 portfolio and for individual business programs, can be found in Exhibit A-2 (TAY-2),
17 Table ES-5.

18 **Q. How will the Company demonstrate that its business investments are achieving the
19 desired results?**

20 A. The Company will file annual reconciliation reports with the Commission after the end of
21 each plan year detailing program investment and energy savings achieved for each
22 program and by customer class in the previous year. Such reports will be in sufficient

NICHOLAS I. TABA
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1 detail to allow the Commission to determine that the Company is complying with the
2 Commission's orders and statutory requirements.

3 **Q. Does this conclude your direct testimony?**

4 **A. Yes.**

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter, on the Commission’s own motion,)
regarding the regulatory reviews, revisions,)
determinations, and/or approvals necessary for)
CONSUMERS ENERGY COMPANY to fully)
comply with Public Act 295 of 2008, as amended)
_____)

Case No. U-21680

PROOF OF SERVICE

STATE OF MICHIGAN)
) SS
COUNTY OF JACKSON)

Melissa K. Harris, being first duly sworn, deposes and says that she is employed in the Legal Department of Consumers Energy Company; that on August 1, 2025, she served an electronic copy of **Consumers Energy Company’s Application and Testimony and Exhibits of Company Witnesses Theodore A. Ykimoff, Eugene M. Breuring, Drew M. Farrington, Svitlana Lykhytska, Allison M. Reis, R. Kenneth Skinner, Gregory E. Stevenson, and Nicholas I. Taba** upon the persons listed in Attachment 1 hereto, at the e-mail addresses listed therein.



Melissa K. Harris

Subscribed and sworn to before me this 1st day of August 2025.



Crystal L. Chacon, Notary Public
State of Michigan, County of Eaton
My Commission Expires: 05/25/30
Acting in the County of Jackson

ATTACHMENT 1 TO CASE NO. U-21680
(Parties to Case No. U-21321)

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