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# Energy Efficiency Program Proposal

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## ThermWise<sup>®</sup> Weatherization Rebates Program

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# Program Overview

## Description

Dominion Energy Utah (Dominion Energy or the Company) is proposing to continue offering the ThermWise® Weatherization Program to Dominion Energy residential GS customers in Utah. A qualifying single-family residence is an existing structure that has up to four residential dwelling units. A qualifying multifamily residence is an existing dwelling having five or more residential dwelling units. To qualify for insulation, air sealing, and duct related rebates, customers will be required to have measures installed by a ThermWise Authorized Contractor.

For qualifying multifamily residences, a pre-qualification inspection will be required. This program will offer incentives for qualifying weatherization measures. Weatherization measure delivery will leverage the marketing access and existing delivery channels of local businesses, wholesalers and retailers.

The Company will work with its Authorized Contractors to identify previously completed measures in a premise. If a premise has received rebates and conditions warrant additional attic, floor or wall insulation work to be completed, approval may be granted based on the recommendation from a ThermWise Home Energy Plan, inspection or documented program approval for specific work.

# Program Design

## Program Measures

### Qualifying Customers

Metered existing single-family or multifamily residences in Dominion Energy Utah service territories that are billed on the GS rate schedule are eligible to participate in the ThermWise Weatherization Rebates program.

### Measure Eligibility

To receive a rebate, customers must submit a completed application form within six months of the installation date and provide all required documentation.

A Home Energy Plan will be required for participation in the air-sealing measure. Dominion Energy Home Energy Experts may conduct a blower door test as part of the Home Energy Plan to determine eligibility. Only single-family units will be eligible for the air-sealing program. Participation in any attic related air-sealing will require that customers have a weighted R-value of R-38 or better attic insulation once air-sealing specifications are achieved.

For a complete list of minimum efficiency requirements and rebate amounts, see section 2.14 of the Company's Utah Tariff (DEU Energy Efficiency Exhibit 1.9).

## Program Rebates, Projected Participation and Savings

Weatherization measures outlined in Table 1 include the associated available incentive per unit. These measures will be available to residential customers based on measure eligibility requirements.

**Table 1. Weatherization Energy Efficiency Projected Participation and Savings**

	Single Family (1-4 units)								
	Window U ≤ 0.22 \$2.50/sq. ft.	Wall Insulation \$0.30/sq.ft.	Attic Insulation Tier 1 \$0.25/sq.ft.	Attic Insulation Tier 2 \$0.07/sq.ft.	Floor Insulation \$0.20/sq.ft.	Duct Sealing & Insulation \$100 plus \$5.25/linear ft. Not to exceed \$450	Air Sealing \$100 plus \$0.18/sq.ft. Not to exceed \$850	Pipe Insulation \$50 ft.	Total
Estimated Participants	8,500	500	7,600	1,800	400	2,000	200	800	21,800
Units per Participant	15	860	1,400	1,350	820	1	2,394	5	N/A
Estimated Units	127,500	430,000	10,640,000	2,520,000	328,000	2,000	478,800	4,000	N/A
Savings Estimates (Dth/yr)	8,900	2,279	56,392	3,276	2,230	26,960	2,298	760	103,096

	Multifamily (5 or more units)								
	Window U ≤ 0.22 \$2.50/sq. ft.	Wall Insulation \$0.30/sq.ft.	Attic Insulation Tier 1 \$0.25/sq.ft.	Attic Insulation Tier 2 \$0.07/sq.ft.	Floor Insulation \$0.20/sq.ft.	Duct Sealing & Insulation \$100 plus \$5.25/linear ft. Not to exceed \$250	Air Sealing	ICAST Pilot	Total
Estimated Participants	40	10	4,000	2,200	20	5,600	N/A	1,000	12,870
Units per Participant	15	340	989	965	91	1	N/A	1	N/A
Estimated Units	600	3,400	3,957,422	2,123,882	1,818	5,600	N/A	1,000	N/A
Savings Estimates (Dth/yr)	42	18	20,974	2,761	12	44,800	N/A	12,500	81,107

### Rebate Limitations

ThermWise Weatherization Rebate program limitations are defined in Section 2.14 of the Company's Tariff (DEU Energy Efficiency Exhibit 1.9).

### Implementation

This program is currently in the marketplace. Upon Commission approval, implementation activities will begin for the new program year January 1, 2018.

### Administration

The program administration represents the on-going delivery of the program. All internal systems, processes, and procedures have been created and are in place.