September 17, 2026

Environment and Climate Committee Meeting

Agenda



- Approval of Meeting Minutes
- Public Comment
- City Council Update
- Staff Updates
- 2025 Climate Action Partner Grant Program Report Outs
- Electrification Incentives
- Materials & Waste Policies Discussion
- Agenda Review
- Adjourn

Approval of Meeting Minutes

Public Comment

2 minutes each

City Council Update

Staff Updates

- **Go Clean Energy Conference – tomorrow, September 17**
  - Panel on the Climate Pollution Fee
  - Several ECC members on other panels!
- **2026 CAPG Recap**:
  - Total Available Funding: $150,000
  - Total Amount Requested: $475,759
  - Number of Applications: 11
- **Growth Plan (Bend Made) Workshops**

Climate Action Partner Grant Program 2025 Awardee Report Outs



2025 CAPG Report Outs

- Bend-Redmond Habitat for Humanity
  - **Climate Resilience: Clean Air and Cooling Upgrades for Income-Qualified Homeowners**
- The Environmental Center
  - **Electrification Access & Education: Zero-Interest Loan Program for Low-to Moderate-Income Households**
- BendNEXT Foundation
  - **Waste-Wise Events Initiative**
- The Environmental Center (Rethink Waste Project)
  - **Reuse Bend: Composting, Cups, and Culture Shift**
- Commute Options
  - **School Pool**
- Central Oregon Community College - Center for Business and Industry
  - **POWER (Preparing Oregon's Workforce for Energy Resilience)**
- High Desert Food and Farm Alliance
  - **Grow & Give: Reducing Food Waste, Reducing Greenhouse Gas Emissions, Feeding Bend**

HDFFA: Grow & Give



So far this season:

- 17,080 pounds of fresh food has been recovered across the entire Grow & Give program
- 5,452 pounds of produce has been gleaned directly from Bend farms
- 7,648 pounds has been gleaned from the Downtown Bend and NWX farmers markets

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Electrification Incentives

Program Options Analysis

Potential Funding Levels

- Revenue generated depends highly on:
  - The total of new homes built each year (currently estimated at 741)
  - The number of homes that choose to electrify vs pay fee
  - The number of electric vs. gas appliances within home

- Lower Electrification: more homes choose to pay fee and retain gas equipment
- Higher Electrification: more homes select electric appliances

Funding	Lower Electrification	Estimated Electrification	Higher Electrification	Heat Pump +Gas WH and Appliances
Total Revenue	**$1,250,000**	**$1,000,000**	**$880,000**	**$260,000**

Primary Objectives for Revenue Funds

- **Maximize Community-Wide Impact**
- **Coordinate with Existing Programs and Funding Sources**
- **Reduce Energy Burden while Lowering Emissions**
- **Integrate Solar and Clean Energy Solutions**
- **Advance Equity through Inclusive Program Design**
- **Ensure Cost Effectiveness and Market Feasibility**
- **Focus on Existing Homes while Maintaining New Construction Support**
- **Consider Non-Rebate Barriers to Electrification**

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Equipment Costs

Equipment data was collected through the Regional Technical Forum, supplemented with web research

Baseline Equipment	Cost
Gas Forced Air Furnace	$4,741
Central Air Conditioner	$2,559
Gas Water Heater	$3,230
Gas Stove	$1,699
Gas Dryer	$1,114
Total	**$13,343**

Electric Conversion	Cost
Electric FAF	$3,726
Central Air Conditioner	$2,559
Electric Water Heater	$590
Electric Stove	$660
Electric Dryer	$822
Total	**$8,357**

Efficient Upgrade	Cost
Air-source heat pump	$17,393
Heat Pump Water Heater	$6,039
Induction Stove	$1,589
Heat Pump Dryer	$1,435
Total	**$26,456**

COST DIFFERENCES

From gas baseline to less efficient electric conversion is $-4,986

From less efficient electric baseline to efficient upgrade is $18,099

From gas baseline to efficient upgrade is $13,113

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Program Options for Discussion

Option 1:

Direct Customer Incentives

Option 2:

Split Customer / Trade Ally Incentives

Option 3:

Non-Incentives

(i.e. Community Solar)

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Option 1a – Direct Customer Incentives (low)

Equipment	City of Bend Incentive	Incremental Cost	% of Incremental Cost
Electric to Electric (and New Construction)			
Heat Pump	$ 1,000	$ 11,108	9%
HP – low income	$ 1,500	$ 11,108	14%
HPWH	$ 1,000	$ 5,449	18%
HPWH – low income	$ 1,500	$ 5,449	28%
Appliances	$ 125	$ 1,542	8%
Gas to Electric			
Heat Pump	$ 1,000	$ 10,093	10%
HP – low income	$ 1,500	$ 10,093	15%
HPWH	$ 1,000	$ 2,809	36%
HPWH – low income	$ 1,500	$ 2,809	53%
Appliances	$ 125	$ 211	59%

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Option 1b – Direct Customer Incentives (medium)

Equipment	City of Bend Incentive	Incremental Cost	% of Incremental Cost
Electric to Electric (and New Construction)			
Heat Pump	$ 2,000	$ 11,108	18%
HP – low income	$ 2,500	$ 11,108	23%
HPWH	$ 2,000	$ 5,449	37%
HPWH – low income	$ 2,500	$ 5,449	46%
Appliances	$ 250	$ 1,542	16%
Gas to Electric			
Heat Pump	$ 2,000	$ 10,093	20%
HP – low income	$2,500	$ 10,093	25%
HPWH	$ 2,000	$ 2,809	71%
HPWH – low income	$ 2,500	$ 2,809	89%
Appliances	$ 250	$ 211	118%

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Option 1c – Direct Customer Incentives (high)

Equipment	City of Bend Incentive	Incremental Cost	% of Incremental Cost
Electric to Electric (and New Construction)			
Heat Pump	$3,000	$ 11,108	27%
HP – low income	$3,750	$ 11,108	34%
HPWH	$3,000	$ 5,449	55%
HPWH – low income	$3,750	$ 5,449	69%
Appliances	$375	$ 1,542	24%
Gas to Electric			
Heat Pump	$3,000	$ 10,093	30%
HP – low income	$3,750	$ 10,093	37%
HPWH	$3,000	$ 2,809	107%
HPWH – low income	$3,750	$ 2,809	133%
Appliances	$375	$ 211	178%

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Option 1- Direct Customer Incentives (suggested)

Equipment	Incentive	Incremental Cost	% of Incremental Cost
Only City of Bend Incentives			
Heat Pump	$3,000	$10,601	28%
HP – low income	$3,750	$10,601	35%
HPWH	$2,000	$4,129	48%
HPWH – low income	$2,500	$4,129	61%
Appliances	$250	$877	29%
City of Bend + ETO Incentives			
Heat Pump	$4,000	$10,601	38%
HP – low income	$6,750	$10,601	64%
HPWH	$2,700	$4,129	65%
HPWH – low income	$3,200	$4,129	78%
Appliances	$250	$877	29%

Option 1 – +home bundle

Equipment	Incentive	Incremental Cost	% Incremental Cost
Whole Home Bundle	$6,300	$15,606	40%
Whole Home Bundle – low income	$7,800	$15,606	50%

Option 1 – +solar

Equipment	City of Bend Incentive	Cost (12 kW system)	Payback
Solar	$2,000	$29,500	15
Solar – Low Income	$4,000	$29,500	7

Pacific Power	$2,500 per home	Minimum solar size 2 kW-DC
Pacific Power – low income	$5,250 per home	Minimum solar size 2 kW-DC

Equipment	City of Bend + Pacific Power Incentive	Cost (12 kW system)	Payback
Solar	$4,500	$29,500	7
Solar – Low Income	$9,250	$29,500	3

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Example Scenario – Lower Incentives, Higher # of Customers Reached

Equipment	City of Bend Incentive	Number of Projects Annual	Total Customer Incentive	MTCO2 Reduction (annual)
Heat Pump	$1,000	100	$100,000	90.6
Heat Pump - LI	$1,500	50	$75,000	45.3
HPWH	$1,000	40	$40,000	5.0
HPWH - LI	$1,500	10	$15,000	1.2
Appliances	$125	200	$25,000	37.1
Whole Home Bundle	$2,550	100	$255,000	121.5
Whole Home Bundle - LI	$3,750	50	$187,500	60.8
Solar	$2,000	40	$80,000	100.0
Solar - LI	$4,000	20	$80,000	24.0
TOTAL INCENTIVE SPEND			**$857,500**	**485**

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Example Scenario – Higher Incentives, Lower # of Customers Reached

Equipment	City of Bend Incentive	Number of Projects Annual	Total Customer Incentive	MTCO2 Reduction (annual)
Heat Pump	$3,000	40	$120,000	36.2
Heat Pump - LI	$3,750	20	$75,000	18.1
HPWH	2000	20	$40,000	2.5
HPWH - LI	2500	5	$12,500	0.6
Appliances	$250	75	$18,750	13.9
Whole Home Bundle	$6,300	50	$315,000	60.8
Whole Home Bundle - LI	$7,800	25	$195,000	30.4
Solar	$2,000	20	$40,000	50.0
Solar - LI	$4,000	10	$40,000	12.0
TOTAL INCENTIVE SPEND			**$856,250**	**224**

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Option 2 – Split Incentive

Equipment	Split Incentive – 50% to customer, 50% to trade ally	Incremental Cost (customer only)	% of Incremental Cost (customer only)
Heat Pump	$1,500/$1,500	$10,601	14%
HP – low income	$1,875/$1,875	$10,601	18%
HPWH	$1,000/$1,000	$4,129	24%
HPWH – low income	$1,250/$1,250	$4,129	30%
Appliances	$250*	$877	15%

*appliance incentives would still go 100% to customer

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Option 3 – non incentives – Community Renewable Asset

- Invest in community renewable asset
  - Example: Community Solar – open to residential and/or commercial subscribers in Bend
    - 700 kW system at Public Works Campus
    - Funded by City through Climate Pollution Fund dollars
      - Allows us subsidize greater portion of project to LMI subscribers
      - Could subsidize energy discount at a higher level
    - Estimated at ~$1,800,000
    - Would require collecting funding for several years, or could potentially finance after revenue data collected for a year or two
    - Could explore doing both incentives and allocating some funds to invest in/finance community solar project
    - Estimated 500 MT CO2e reduction per year, assuming today's energy mix
      - Factoring in HB 2021 compliance, lifetime reduction between 4,000-8,000 MT CO2e

- Other ideas?

Pros/Cons of Program Design Options

Program Option	Pros	Cons
Option 1: Customer Incentive	• Supports the mission of electrification in homes • Incentives provided to all residential customers, giving more in the community the opportunity to benefit	• Does not encourage contractors to promote electrification • Due to upcoming code changes for new construction, is an incentive necessary for heat pumps?
Option 2: Split Incentive	• Provides an incentive for contractors/builders to promote electrification • Supports transformation of the market to electrification measures	• Lower $ amount goes to customers which could discourage implementation • Contractors may not 'need' incentive to sell electrification in Bend
Option 3: Non-Incentive	• Provides environmental benefits to the broader community	• Doesn't further support the mission to electrify homes

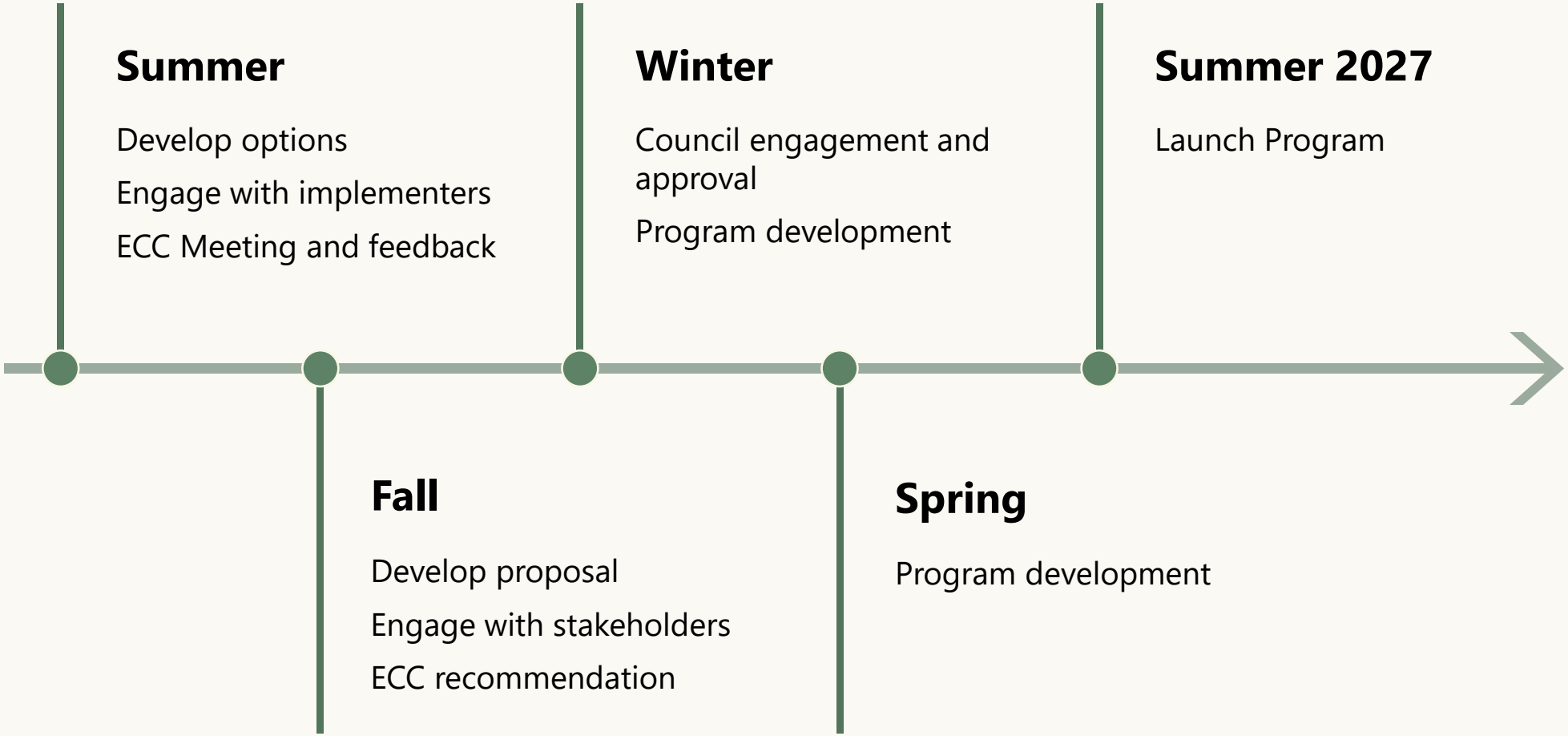
Alignment with Objectives of Revenue

Objective	Option 1 – Customer Incentive	Option 2 – Split Incentive	Option 3 – Non-Incentive, Community Solar
Advance equity through program design			
Coordinate with existing programs and funding			
Maximize community wide impact			
Reduce energy burden while lowering emissions			
Focus on existing homes while maintaining new construction support			
Consider non-rebate barriers to electrification			
Ensure cost effectiveness and market feasibility			
Integrate solar and clean energy solutions			

ECC Discussion Questions

- Which of the three options are you most interested in?
- For options 1 and 2, are you interested in the add-on options, the whole home bundle and/or solar?
- Is there additional equipment incentives you want to explore? Or any on the list you'd like to eliminate?
- For options 1 and 2, what incentive level are you most interested in?
- Other options not considered here that you'd like to explore?
- What additional data, analysis, or feedback do you need to make a recommendation in November or December?

Timeline



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Materials & Waste Policies Update



Waste & Materials Working Group

- Waste & Materials Working Group has met several times for fact finding and information sharing discussions
- Received additional information from Story of Stuff staff
- Further exploring the following policies and working to develop a recommendation for the ECC in public meeting in the coming months

(1) Reuse for onsite or on-premises dining

France McDonalds



Half Moon Bay McDonalds



Typical restaurant



- server must ask if “for here, or to go”- including digital ordering platforms
- on-premises means there are tables, seats or dining areas, including non-seated picnic areas
- applicants for future permits- must demonstrate reuse readiness (adequate dishwashing capacity)
- waivers available for up to two years- not a permanent exemption





(2) customer- provided reusables must be accepted for fill by foodservice operator

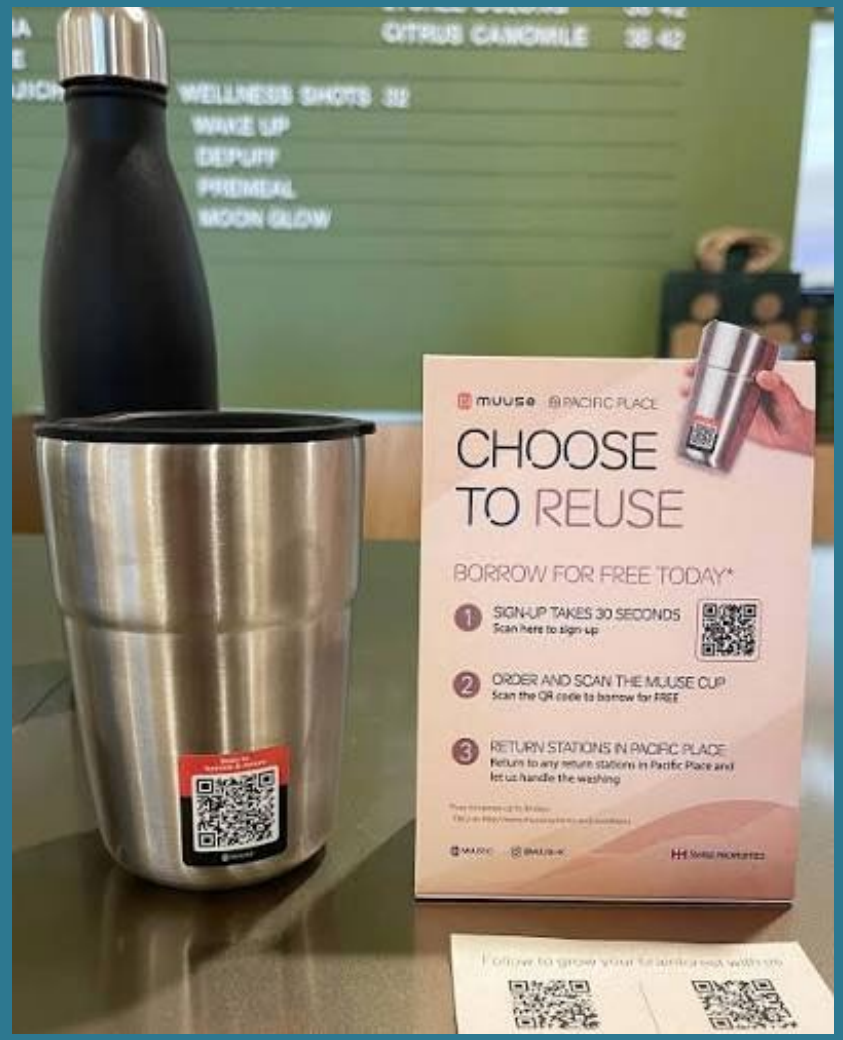
- generally, the operator must accept BYO
- server can refuse a BYO cup or container if inappropriate size, cracked chipped, corroded, soiled, appears unsanitary-

  i.e. “not fit for intended use”



(3) Skip the Stuff- Accessories only on Request

- takeout and delivery orders- only prove items customers specifically request
    - default behavior- provide no accessories
- online ordering and 3rd party delivery platforms must provide checklist for customers to select
- no bundling of accessories, nothing individually wrapped
- business may ask first at airports & drive-thrus
- for onsite dining, reuse provisions don't apply to accessories- this section requires condiments to be served in bulk dispensers
- exception on site- may provide condiments in packets for medical necessity (Celiac's)



(4) cup/ container charge + returnable reusable option

- charge for each disposable cup and container *or* one charge per order with disposables -
  - one option, 25 cents each up to $1.00
- income retained by business (helps offset cost of reusable option)
  - this is not a tax, it's a charge
- can be combined with a discount for BYO
- no charges for customers dining on-site, and no disposables onsite
- Within X years, 10% of takeout/ delivery orders in reusables; by X years, 25% in reusables



(5) reusable foodware at events

- event producers that allow sale of Prepared Food at and event must establish a returnable reusable cups/or foodware system
- start with a 25% reusable target and increase to 100% over time
- must comply with State food safety code
- City creates a permit system- applicant demonstrates how they will comply
- event producer must track and report number and percent reusables used within 3 months of event

Agenda Review

October ‘26	November ‘26	December ‘26
• Climate Action Partner Grant Program Scoring • Small Business Assistance Program Scoring	• Electrification Incentives • 2027-29 Climate priorities • Waste and Materials Group Recommendations • Begin discussion chair elections	• Electrification Incentives • 2027-29 Climate priorities • Reminder Chair Elections

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