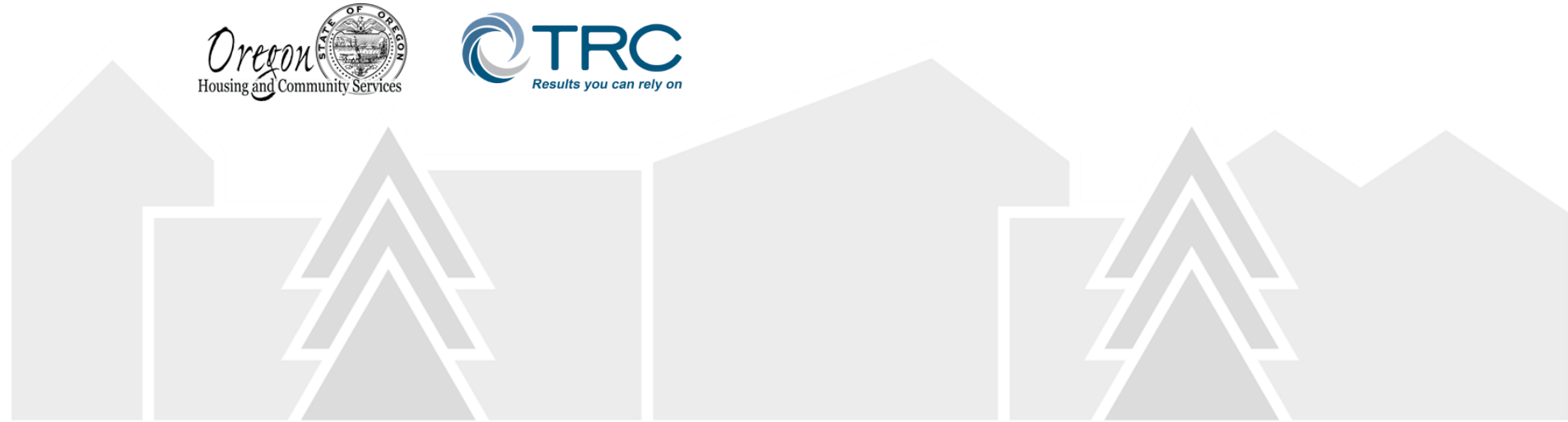


OREGON HOUSING & COMMUNITY SERVICES **Multifamily Energy Program**

Program Orientation

Date: January 10, 2018

Presenter: Stephanie Berkland

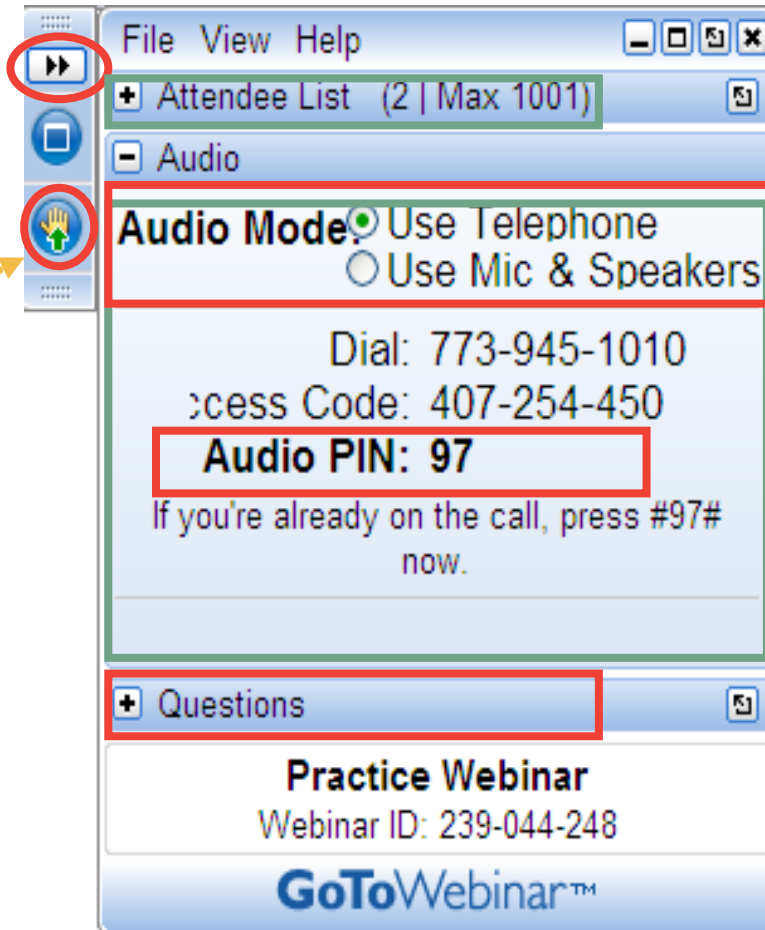


USING GOTOWEBINAR

Open and close
your **control panel**

Raise your hand
to ask questions
live

**Questions will be
taken
at the end of the
presentation.**



Choose **audio
mode**

Enter your **audio
pin**

Type **questions** in
the chat box

AGENDA

- ◆ Program Overview
- ◆ Eligibility Requirements
- ◆ Program Pathways
- ◆ Existing Building Offerings
- ◆ New Construction Offerings
- ◆ How to Participate!

PROGRAM OVERVIEW

- ◆ TRC Energy Services administering on behalf of OHCS
- ◆ Formerly known as Low-income Weatherization Program
- ◆ Cash incentives for energy efficient upgrades
- ◆ Multifamily new construction and existing buildings
- ◆ In-unit and common area improvements
- ◆ Income-qualified properties
- ◆ NOFA and non-NOFA projects

PROGRAM FUNDING AVAILABILITY

- ◆ **\$2.6 Million in incentives:**
 - 50% Portland General Electric
 - 50% Pacific Power
 - \$500,000 reserved for projects outside OHCS' portfolio (50/50 between PGE and PAC)
- ◆ **Funding availability assessed on a quarterly basis**
- ◆ **\$200,000 incentive maximum per project (projects above max. evaluated on a case-by-case basis)**
- ◆ **Incentives reserved by December 31, 2018**

ELIGIBILITY REQUIREMENTS

- ◆ **Multifamily:**
 - Existing or New (5+ units)
 - High-rise and low-rise
- ◆ **Located in:**
 - Pacific Power or Portland General Electric
- ◆ **Tenants in at least 50% of units are at or below 80% AMI, 10 years affordability requirement**
- ◆ **Projects must be heated by a hard-wired electrical heating system to qualify for program funding**
- ◆ **Savings:**
 - Electric saving measures
 - Minimum efficiency requirements according to pathway chosen

FUNDING PRIORITIES

1. OHCS NOFA awardees
2. *OHCS Bond program awardees
3. Unsuccessful NOFA & Bond applicants
4. Applicants not applying for NOFA or Bond programs

*Related funding awards will require 60 years affordability and, depending upon the combination of involved funds, limit qualified tenants to not more than 50% or 60% AMI.

APPLICATION DEADLINES

1. OHCS NOFA awardees

- December 2017 LIFT
 - 21 days prior to LIFT application deadline
 - February LIFT application must include OR-MEP incentive reservation
- January 2018 9% LIHTC
 - 21 days prior to LIHTC application deadline
 - March Bond application must include OR-MEP incentive reservation

2. OHCS Bond program awardees

- No later than October 19th, 2018

3. Unsuccessful NOFA & Bond applicants

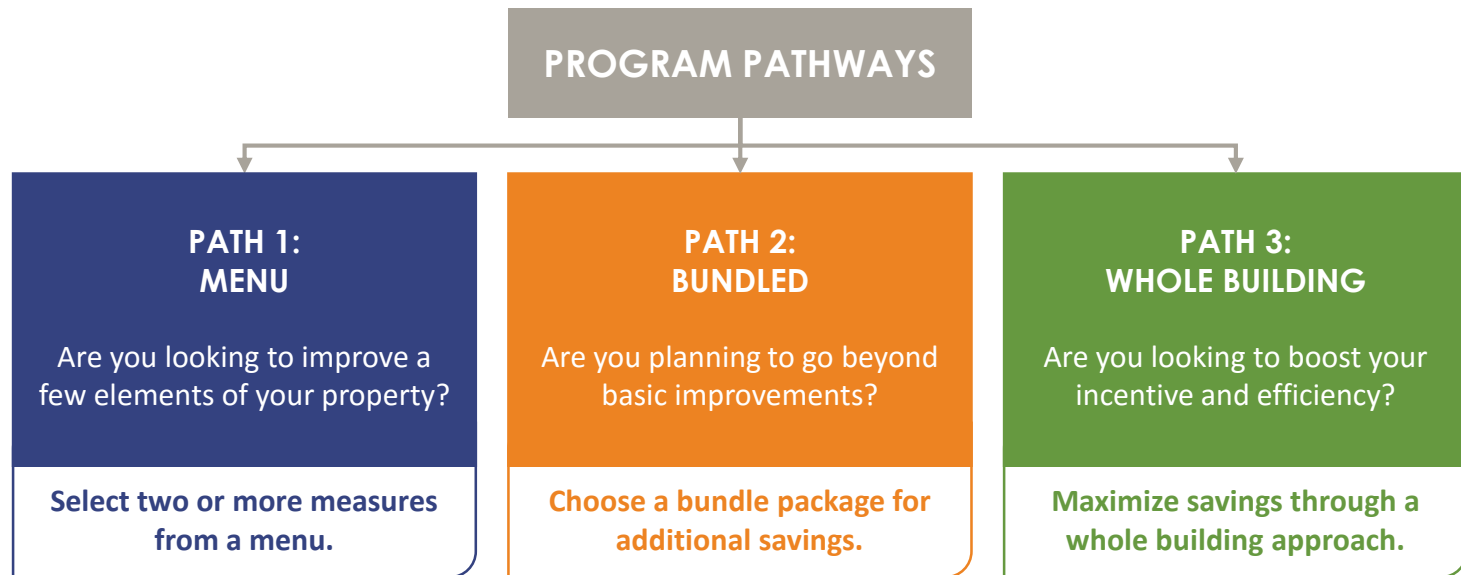
- No later than October 19th, 2018

4. Applicants not applying for NOFA or Bond programs




- No later than October 19th, 2018

PROGRAM PATHWAYS

- ◆ Existing multifamily and new multifamily both have three paths, suited for varying scopes of work
- ◆ Incentives escalate to reward more comprehensive design strategies



EXISTING MULTIFAMILY OFFERINGS

	Path 1 Menu	Path 2 Bundle	Path 3 Whole Building
Project Need	Projects only interested in limited measure upgrades	Projects interested in multiple upgrades	Buildings in need of audit to identify comprehensive upgrades
Measures	Choose two measures in two different measure categories	Bundled packages to suit varying scopes of work and needs	Whole building improvements targeting deep energy savings
Incentive	 ~\$0.60 / kWh	 ~\$0.70 / kWh	 \$0.80 - \$1.00/ kWh

EXISTING MULTIFAMILY OFFERINGS

Menu Path

- ◆ Points assigned relative to measure savings and costs
- ◆ Choose two measures in two different measure categories
- ◆ Menu Incentive = \$60/pt

MEASURE MENU

Measure Category	Measure	Measure Unit	Points
Envelope	Windows	100 sf area	6
Envelope	Attic/Ceiling Insulation	100 sf area	0.5
HVAC	Ductless Heat Pump	Each	15
HVAC	Packaged Terminal Heat Pump	Each	6
HVAC	Smart Thermostat	Each	1
Hot Water	Heat Pump Water Heater	Each	8.5
Hot Water	Low Flow Showerhead	Each	0.25
Hot Water	Low Flow Aerator	Each	0.25
Appliances	Refrigerator	Each	0.75
Appliances	Common Area Clothes Washer	Each	5.5
Lighting	In-Unit LED Fixture	Each	0.5
Lighting	Common Area LED T8 Fixture	Each	0.5
Lighting	Interior Lighting Occupancy Sensor	Each	1
Lighting	LED Exit Sign	Each	0.5
Lighting	LED Exterior Wall Pack	Each	1

EXISTING MULTIFAMILY OFFERINGS

Bundled Path*

Pathway	Bundle Example	Total Points	Incentive
The “Smart Apartment” Bundle <i>Must include the following measures:</i>	<ul style="list-style-type: none"> 1 Ductless Heat Pump (15 pts) 1 Smart Thermostat (1 pt) 	16.0	\$1,120 (\$70 / pt)
The “DHW” Bundle <i>Must include the following measures:</i>	<ul style="list-style-type: none"> 1 Heat Pump Water Heater (8.5 pts) 1 Low Flow Showerhead (0.25 pt) 1 Low Flow Aerator (0.25 pt) 	9.0	\$630 (\$70 / pt)
The “Envelope” Bundle <i>Must include the following measures:</i>	<ul style="list-style-type: none"> 100 sf Windows (6 pts) 100 sf Attic / Ceiling Insulation (0.5 pt) 	6.5	\$455 (\$70 / pt)
The “Unit Turnover” Bundle <i>Choose at least 3 in-unit upgrades.</i>	<ul style="list-style-type: none"> 1 Low Flow Showerhead (0.25 pt) 1 Low Flow Aerator (0.25 pt) 3 In-Unit LED Fixtures (1.5 pt) 1 Refrigerator (0.75 pt) 	2.75	\$193 (\$70 / pt)
The “Lighting” Bundle <i>Choose at least 3 lighting upgrades.</i>	<ul style="list-style-type: none"> 3 In-Unit LED Fixtures (1.5 pts) 2 Common Area LED T8’s (1 pt) 1 LED Exit Sign (0.5 pt) 2 LED Exterior Wall Packs (2 pts) 	5.0	\$350 (\$70 / pt)
Build Your Own Bundle <i>Minimum of three measures in two upgrade categories.</i>	<ul style="list-style-type: none"> 1 Packaged Terminal Heat Pump (6 pts) 3 In-Unit LED Fixtures (1.5 pts) 1 Refrigerator (0.75 pt) 	8.25	\$578 (\$70 / pt)

*Only one bundle may be pursued in Bundle Path. Project interested in a larger work scope are recommended to use the Whole Building Path




EXISTING MULTIFAMILY OFFERINGS

Whole Building Path

- ◆ Three incentive tiers based on percent savings over existing conditions
- ◆ Requires whole building audit and energy modeling by independent third-party

Tier	Savings Threshold	Incentive
Tier 1	≥ 20% kWh savings from existing conditions	\$0.80 / kWh saved
Tier 2	≥ 25% kWh savings from existing conditions	\$0.90 / kWh saved
Tier 3	≥ 30% kWh savings from existing conditions	\$1.00 / kWh saved

NEW CONSTRUCTION OFFERINGS

	Path 1 Menu	Path 2 Bundle	Path 3 Whole Building
Project Need	Projects only interested in specific efficient equipment	Projects not able to complete modeling, but interested in cost-effective measures that have proven savings	Whole building model + verification
Measures	Equipment specific measures (PTHP, DHP, HPWH)	High efficiency building component bundles (Envelope, DHW, HVAC)	All modeled building systems with electric savings
Incentive	 ~\$0.60 / kWh	 ~\$0.70 / kWh	 \$0.80 - \$1.00/ kWh

NEW CONSTRUCTION OFFERINGS

Menu Path

- ◆ Menu path limited to equipment measures
- ◆ Menu Incentive = \$60 / point

Measure	Measure Unit	Points	Incentive/Unit
High Efficiency PTHP	per apt unit	5	\$300
High Efficiency Ductless Heat Pump	per apt unit	5	\$300
Heat Pump Water Heater	per apt unit	3.5	\$210

NEW CONSTRUCTION OFFERINGS

*Bundled Path**

Bundle Name*	Bundle Example (for 1 apartment unit)**	Total Points	Incentive
HVAC Bundle <i>Must include the following measures:</i>	<ul style="list-style-type: none"> High Efficiency Heating System: PTHP or DHP (5.0 pts) Efficient HVAC Fan Motors (0.5 pt) Efficient Balanced Ventilation (4.5 pts) Smart Thermostat Controls (0.5 pt) 	10.5	\$735 (\$70 / pt)
Envelope Bundle <i>Must include the following measures:</i>	<ul style="list-style-type: none"> High Performance Envelope (6.0 pts) Efficient Windows (1.5 pts) Reduced Infiltration (2.0 pts) 	9.5	\$665 (\$70 / pt)
DHW Bundle <i>Must include the following measures:</i>	<ul style="list-style-type: none"> Heat Pump Water Heater (3.5 pts) Low Flow Fixtures (0.25 pt) 	3.75	\$263 (\$70 / pt)
Appliances & Lighting Bundle <i>Must include the following measures:</i>	<ul style="list-style-type: none"> ENERGY STAR Appliances (1 pt) High Efficiency Lighting (Apt & Common Area) (0.75 pt) Common Area Lighting Controls (0.5 pt) High Efficiency Exterior Lighting (0.5 pt) 	2.75	\$193 (\$70 / pt)

*Only one bundle may be pursued in Bundled Path. Project interested in a larger work scope are recommended to use the Whole Building Path

**Measure units for all new construction bundle measures are *per apartment unit*.

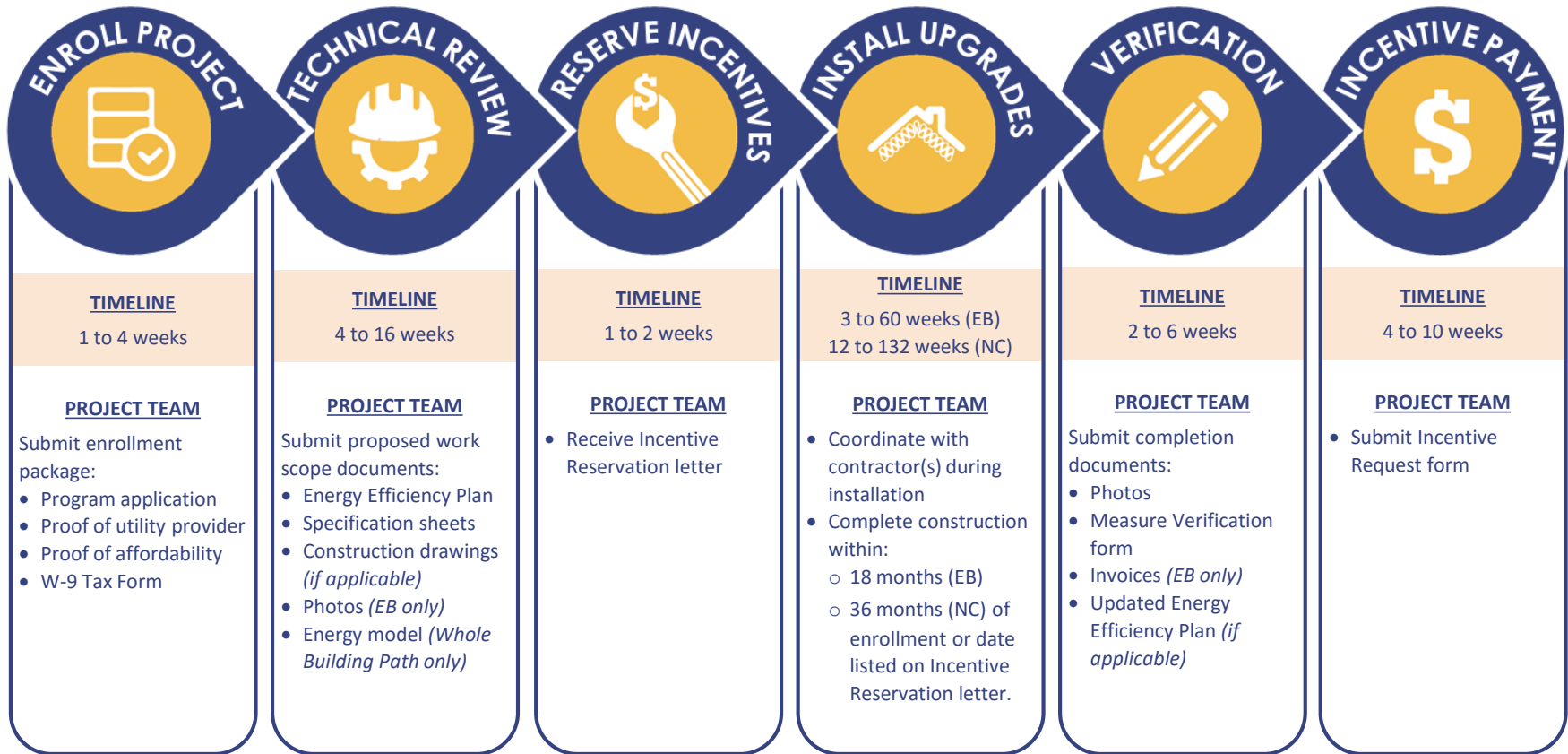
NEW CONSTRUCTION OFFERINGS

Whole Building Path

- ◆ Three incentive tiers based on percent savings over code baseline
- ◆ Requires energy modeling by independent third-party.

Tier	Savings Threshold	Incentive
Tier 1	≥ 20% kWh savings compared to code baseline	\$0.80 / kWh saved
Tier 2	≥ 25% kWh savings compared to code baseline	\$0.90 / kWh saved
Tier 3	≥ 30% kWh savings compared to code baseline	\$1.00 / kWh saved

PARTICIPATION PROCESS



HOW TO PARTICIPATE

Fill out an interest form at:
OregonMultifamilyEnergy.com

A program representative will follow up to discuss opportunities for your project.

OREGON HOUSING & COMMUNITY SERVICES
Multifamily Energy Program

CASH INCENTIVES AND DESIGN SUPPORT FOR AFFORDABLE MULTIFAMILY RETROFITS AND NEW CONSTRUCTION

PROGRAM PATHWAYS

PATH 1: MENU	PATH 2: BUNDLED	PATH 3: WHOLE BUILDING
Are you looking to improve a few elements of your property?	Are you planning to go beyond basic improvements?	Are you looking to boost your incentive and efficiency?
Select two or more measures from a menu.	Choose a bundle package for additional savings.	Maximize savings through a whole building approach.

CONTACT US TO GET STARTED:
www.oregonmultifamilyenergy.com
OHCSMultifamilyEnergy@trcsolutions.com
503.505.6787

Is your project eligible for the Multifamily Energy Program?
Submit this interest form to learn more!

Property
Name: _____
City: _____
Units: _____
☐ New construction ☐ Existing property

Estimated construction timeline
Start date: _____
Stop date: _____

Developer or property owner/manager
Company: _____
Contact: _____
Email: _____
Phone: _____

If existing property, indicate planned energy upgrades

<input type="checkbox"/> Windows	<input type="checkbox"/> Insulation
<input type="checkbox"/> Water heating	<input type="checkbox"/> Appliances
<input type="checkbox"/> Air conditioning	<input type="checkbox"/> Heating
<input type="checkbox"/> Low flow fixtures	<input type="checkbox"/> Lighting

CONTACT INFORMATION

Multifamily Energy Program

- ♦ Phone: 503-505-6787
- ♦ Website: www.OregonMultifamilyEnergy.com
- ♦ Email: OHCSMultifamilyEnergy@trcsolutions.com

Program Manager: Stephanie Berkland

sberkland@trcsolutions.com

Technical Manager: Mekha Abraham

mabraham@trcsolutions.com



THANK YOU!

QUESTIONS?