Planned Residential Incentive Changes Effective January 1, 2013

Conservation Advisory Council

October 24, 2012

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Weatherization Incentives

- Ending December 31, 2012
  - Air leakage test ($35)
  - Duct leakage test ($35)
  - Duct sealing (up to $325 gas/$400 electric)

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Weatherization Measure Changes

Incentive	Current	Planned
Air sealing	50% of cost, up to $400 (electric) & $275 (gas) • Available through prescriptive, Home Performance (HPwES), and Savings Within Reach (SWR) tracks • Minimum 300 CFM50 reduction	• **$150 per home** • Available through HPwES and SWRin Oregon • Must be PTCS, BPI, REAP or PATS certified in WA and SWR tracks • Existing condition greater than 9 ACH50; minimum 500 CFM50 reduction required
Attic insulation	$0.25 per sq ft Existing condition R-19	Same incentive amount **Existing condition R-12 or less** (Self-Install: Existing condition R-19 or less)
Floor insulation	$0.30 per sq ft Existing condition R-11	Same incentive amount **Existing condition R-0** (Self-Install: Existing condition R-11 or less)

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Air Sealing Requirements (context)

	PREACH50	POSTACH50	deltaACH50	deltaCFM50 (assuming 1,843 sq ft house)
5%	25.33	15.51	11.85	3094
10%	20.32	12.91	8.72	2276
15%	18.23	11.96	7.29	1902
20%	16.80	11.09	6.17	1611
25%	15.53	10.44	5.29	1382
30%	14.61	9.86	4.68	1221
35%	13.73	9.39	4.27	1115
40%	13.15	9.01	3.86	1009
45%	12.42	8.62	3.54	924
50%	13.22	9.09	3.91	1021
55%	11.42	7.98	2.97	777
60%	10.96	7.65	2.73	713
65%	10.49	7.30	2.47	646
70%	10.01	7.00	2.31	604
75%	9.45	6.63	2.05	534
80%	8.94	6.24	1.86	487
85%	8.31	5.80	1.66	433
90%	7.63	5.29	1.39	362
95%	6.75	4.69	1.08	281

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Insulation Requirements (context)

		Oregon Code Practices				
Year	**Attic**	**Floor**	**Walls**	**Basement Walls**	**Windows**	**Slab**
1973	R-19	R-9 or Foil on floor or R-4.5 on crawl wall	R-11	R-0	NA	
1979	R-30	R-19	R-11	R-11 to 12 below grade	Dual Pane	
1986	R-30	R-19	R-19	R-11 to 12 below grade	Dual Pane	
1990	R-38	R-19	R-19	R-11 to 12 below grade	Dual Pane	
1992	R-38	R-25	R-21	R-21	0.40 U-Value	R-15 Edge
2008	R-38	R-30	R-21	R-21	0.35 U-Value	R-15 Edge

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Bonus Incentives

- Ending December 31, 2012
  - Home Comfort Package
  - Heat Pump Premium Package
  - Windows Bonus
  - Home Performance with ENERGY STAR and Solar Bonus (assessments)
  - Solar Bonus

Water Heating Incentives

Incentive	Current	Planned
Solar Water Heating	Up to $1,500 or $0.40 per kWh (electric) or $8.00 per therm (gas)	• **Climate Zone 1** $400 gas / $900 electric • **Climate Zones 2 & 3** $500 gas / $1,000 electric
ENERGY STAR Gas Tank Water Heater (0.67)	$150 ($200 - Fall campaign)	• $125 (Oregon) • $150 (Washington)
Heat Pump Water Heater	Pilot	• $500 – standard incentive • Must be installed by eligible trade ally

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Water Heating Incentives

- Changing January 1, 2013
  - Solar water heating Incentives*

Climate Zone	Gas Backup	Electric Backup
Zone 1	$400	$900
Zones 2 and 3	$500	$1,000

*pending Energy Trust Planning approval

    - Additional program changes will be implemented to maintain participation
  - ENERGY STAR gas tank
    - Reduced from $150 ($200 fall promo) to $125 in Oregon and $150 in Washington
  - Heat pump water heater
    - Added as eligible measure; must be installed by trade ally with required NEEA training

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Equipment Incentives

- Modifications January 1, 2013
  - Heat pump advanced controls
    - Added as eligible measure; must be installed by trade ally with required training
  - Gas fireplace
    - Added on-demand pilot fireplaces as eligible ignition system (in addition to IPI pilot)
  - Ductless heat pump installation for mobile homes
    - Limited to one outdoor compressor with two indoor heads

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Potential Incentive Changes

Potential Incentive Changes

- Home Performance assessment incentive
  - Pending completion of conversion analysis
- Clothes washers
  - Pending Regional Technical Forum evaluation and analysis outcomes
- Fridge recycling
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Questions?

Comments?

Thank you

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