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July 6, 2016

Public Utility Commission of Oregon Filing Center 201 High Street SE, Suite 100 P.O. Box 1088 Salem, Oregon 97301

RE: Tariff Advice No. 16-11

Modifications to Schedule 78 - Residential Energy Conservation Program

Attention Filing Center:

Pursuant to ORS 757.020 and 205, Idaho Power Company herewith transmits for filing its Fourth Revised Sheet No. 78-4 with a requested effective date of August 17, 2016. The purpose of this tariff advice is to update the values used in the cost-effectiveness limits ("CELs") for residential conservation measures included in Schedule 78 in order to reflect the Company's updated avoided costs approved by the Public Utility Commission of Oregon on June 8, 2016, in Order No. 16-219. Included with Sheet No. 78-4 is a workpaper detailing the updated CELs.

If you have any questions regarding this filing, please contact Regulatory Analyst Connie Aschenbrenner at (208) 388-5994.

Sincerely,

Lisa D. Nordstrom Lead Counsel

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Enclosures

SCHEDULE 78 RESIDENTIAL ENERGY CONSERVATION PROGRAM (Continued)

COST-EFFECTIVENESS GUIDELINE (Continued)

The following Energy Conservation Measures shall be deemed to have the following life cycles:

- 1. Attic, ceiling, wall and under-floor insulation: 30 years
- 2. Insulation of walls in heated basements: 30 years
- 3. Insulation of heating system supply and return air ducts: 30 years
- 4. Thermal doors: 30 years
- 5. Storm windows: 15 years
- 6. Replacement windows meeting the requirements of Chapter 53 of the Oregon Residential Energy Code: 25 years
- 7. Storm doors: 7 years

COST-EFFECTIVE COMPUTATIONS

Energy Conservation Measures having an expected life cycle of 7 years shall be considered Cost-Effective if the installed cost is less than \$0.26 per annual kWh saved. Energy Conservation Measures having an expected life cycle of 15 years, 25 years, and 30 years shall be considered Cost-Effective if the installed cost is less than \$0.52 per annual kWh saved, \$0.76 per annual kWh saved, and \$0.85 per annual kWh saved, respectively.

FINANCING

The Company will provide financing for Energy Conservation Measures at the request of a dwelling owner who occupies the dwelling as a residential space heating Customer or rents the dwelling to a tenant who is a residential space heating Customer if the dwelling has an electrical space heating system, installed and operational, which is designed to heat the living space of the dwelling. The financing program shall give the eligible dwelling owner a choice between a cash payment or a loan. As a condition of eligibility for either a cash payment or a loan, an Energy Audit of the dwelling will be required in order to determine which Energy Conservation Measures are Cost-Effective.

The Company will offer to all qualifying owners a choice between the following levels of assistance:

COST EFFECTIVE MEASURES

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- 1. A loan by the Company not to exceed \$5,000, upon approved credit, to be used to pay for the Energy Conservation Measures over a period of time not to exceed 10 years. Minimum monthly payment will be \$15. Interest will be paid at a 6½ percent annual rate for the cost of those measures, or a portion of the cost thereof, which are in accordance with the Cost-Effectiveness criteria of this schedule; or
- 2. A cash payment to the dwelling owner for 25 percent of the Cost-Effective portion of the Energy Conservation Measures recommended, including installation (but not including the dwelling owner's own labor), not to exceed the cost of the measure, up to a maximum cash payment of \$1,000.

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Idaho Power Company 2016 Conservation Cost Effective Values Present Dollar Values/kWh

Inputs:	Nominal Discount Rate	6.74%
	Escalation Rate	2.20%
	Real Discount Rate	4.44%
	Avoided Losses	9.60%
	Conservation Credit	10.00%

PV	Avoided	10%	Oregon
Mid-Year Conv (\$/kWh)	Losses (\$/kWh)	Credit (\$/kWh)	Limit (CEL) (\$/kWh)
0.15	0.01	0.02	0.18
0.21	0.02	0.02	0.26
0.30	0.03	0.03	0.36
0.36	0.03	0.04	0.43
0.43	0.04	0.05	0.52
0.54	0.05	0.06	0.65
0.63	0.06	0.07	0.76
0.71	0.07	0.08	0.85
	Avoided Costs Mid-Year Conv (\$/kWh) 0.15 0.21 0.30 0.36 0.43 0.54 0.63	Avoided Costs Mid-Year Conv (\$/kWh) Avoided Losses (\$/kWh) 0.15 0.01 0.21 0.02 0.30 0.03 0.36 0.03 0.43 0.04 0.54 0.05 0.63 0.06	Avoided Costs Mid-Year Conv (\$/kWh) Avoided Losses (\$/kWh) Conservation Credit (\$/kWh) 0.15 0.01 0.02 0.21 0.02 0.02 0.30 0.03 0.03 0.36 0.03 0.04 0.43 0.04 0.05 0.54 0.05 0.06 0.63 0.06 0.07

Notes: Oregon approved avoided costs through UM 1730 OPUC Order No. 16-219