

**Exh. JL-9Cr
Docket UG-170929
Witness: Jing Liu
REDACTED VERSION**

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

**CASCADE NATURAL GAS
CORPORATION,**

Respondent.

DOCKET UG-170929

**EXHIBIT TO
TESTIMONY OF**

Jing Liu

**STAFF OF
WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION**

Bill Impact Under Staff's Proposed Bill Discount Program

February 15, 2018

Revised March 22, 2018

**Bill Impact Under Staff's Proposed Bill Discount Program
(REDACTED)**

Income Tier	Annual Gas Bill (a)	Annual Gas Heating Bill for LIHEAP Calculation (b)=(a)* Heating Bill Ratio	LIHEAP Support (c) = (b)*Ratio from LIHEAP benefit curve	Remaining Bill After LIHEAP (d) = (a) - (c)	Remaining % After LIHEAP (e) = (d)/(a)	WEAF Support % (f)	WEAF Support (g)=(a)*(f)	Remaining Bill After LIHEAP & WEAFF (h)=(d)-(g)	Remaining % After LIHEAP & WEAFF (i)=(h)/(a)	Energy Assistance as % of Bill (j)=((c)+(g))/(a)	Average Income (Households of Four) (k)	Energy Burden After Energy Assistance (l)=(h)/(k)	Average Income (Households of One) (m)	Energy Burden After Energy Assistance (n)=(h)/(m)
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Benefit level for households that receive both LIHEAP and WEAFF

(Average Consumption)

0-50% FPL											\$ 6,075		\$ 2,970	
50-100% FPL											\$ 18,225		\$ 8,910	
100-125% FPL											\$ 27,338		\$ 13,365	
125-150% FPL											\$ 33,413		\$ 16,335	

Benefit level for households that only receive WEAFF

(Average Consumption)

0-50% FPL											\$ 6,075		\$ 2,970	
50-100% FPL											\$ 18,225		\$ 8,910	
100-125% FPL											\$ 27,338		\$ 13,365	
125-150% FPL											\$ 33,413		\$ 16,335	

Benefit level for households that receive both LIHEAP and WEAFF

(High Consumption)

0-50% FPL											\$ 6,075		\$ 2,970	
50-100% FPL											\$ 18,225		\$ 8,910	
100-125% FPL											\$ 27,338		\$ 13,365	
125-150% FPL											\$ 33,413		\$ 16,335	

Benefit level for households that only receive WEAFF

(High Consumption)

0-50% FPL											\$ 6,075		\$ 2,970	
50-100% FPL											\$ 18,225		\$ 8,910	
100-125% FPL											\$ 27,338		\$ 13,365	
125-150% FPL											\$ 33,413		\$ 16,335	

Notes:

(a) "Annual Gas Bill" is calculated from Cascade's Revised Response to UTC Staff Data Request No. 96C (confidential) (full 12-month bills). The high usage is defined as average consumption plus two standard deviations.

(b) For the purpose of LIHEAP calculation, "Annual Gas Heating Bill" is calculated as total annual gas bill minus base load (lowest monthly consumption). Heating bill as a percentage of annual bill is calculated based on Cascade Response to UTC Staff Data Request No. 24C (confidential).

(c) "LIHEAP Support" is calculated based on Gas Heating Bill and the LIHEAP Benefit Curve.

(g) "WEAF support" amount is calculated as 30% or 50% of the annual bill, assuming the discount can be applied to all bill line items. If WEAFF discount cannot be applied to the temporary adder schedule rates, the support amount will be reduced by about 5%.

(k) and (m) "Average Income" per household is based on published 2017 Federal Poverty Guidelines: <https://liheapch.acf.hhs.gov/news/july16/FPG.htm>