

**Exhibit No. \_\_ (MPP-10)  
Conversion Factor Calculation  
Witness: Michael P. Parvinen**

WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,  
Complainant,

v.

CASCADE NATURAL GAS  
CORPORATION,

Respondent.

DOCKET UG-170929

**CASCADE NATURAL GAS CORPORATION**

**EXHIBIT OF MICHAEL P. PARVINEN**

**CONVERSION FACTOR CALCULATION**

**3/23/2018**

<b>Cascade Natural Gas</b>		
<b>Results of Operations Summary Sheet</b>		
<b>Twelve Months Ended December 31, 2016</b>		
<b>REVENUE SENSITIVE COSTS</b>		
Revenues		1.00000
Operating Revenue Deductions		
Uncollectible Accounts		0.00379
State B&O Tax		0.03852
UTC Fees		0.00200
Interest expense		
State Taxable Income		0.95569
State Income Tax		0.00000
Federal Taxable Income		0.95569
Federal Income Tax @ 21%		0.20069
Total Income Taxes		0.20069
Total Revenue Sensitive Costs		0.24501
<b>RESULTS OF OPERATIONS SUMMARY SHEET</b>		
Net-to-Gross Factor		<b>0.75499</b>
<b>Combo-State &amp; Federal Income Tax</b>		
State		0.00000
Federal		0.21000
State and Federal Effective Tax Rate		0.21

0.04431