

**Exhibit No. \_\_ (BR-5)**  
**Docket No. UG-17\_\_\_\_**  
**Witness: Brian Robertson**

WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,  
Complainant,

v.

CASCADE NATURAL GAS  
CORPORATION,

Respondent.

DOCKET UG-17\_\_\_\_

**CASCADE NATURAL GAS CORPORATION**

**EXHIBIT OF BRIAN ROBERTSON**

**ANALYSIS OF WEATHER NORMALIZATION ADJUSTMENT**

**31-Jul-17**

## Analysis of Weather Normalization Adjustment

TARRIF	CNGWA503	Therms		Customers		
Sum of THERMS	Column Labels	2012	113,664,863	2012	172,004	
Row Labels	2012	2013	115,049,023	2013	174,098	1.22%
1	18,647,272	2014	116,467,270	2014	176,244	1.23%
2	16,493,180	2015	118,082,003	2015	178,688	1.39%
3	13,891,368	2016	119,815,631	2016	181,311	1.47%
4	8,691,038					
5	5,391,631					
6	4,059,481					
7	3,004,847					
8	2,646,816					
9	3,606,676					
10	7,225,232					
11	12,928,998					
12	17,078,324					
Grand Total	113,664,863					