

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-Aug-17

Analysis of Weather Normalization Adjustment

Rate Schedule	CNGWA503	Therms ²		Customers ³		Year-to-Year customer growth percentage
		2012	2013	2012	2013	
Month	Year = 2012 ¹	2012	113,664,863	2012	172,004	
January	18,647,272	2013	115,049,023	2013	174,098	1.22%
February	16,493,180	2014	116,467,270	2014	176,244	1.23%
March	13,891,368	2015	118,082,003	2015	178,688	1.39%
April	8,691,038	2016	119,815,631	2016	181,311	1.47%
May	5,391,631					
June	4,059,481					
July	3,004,847					
August	2,646,816					
September	3,606,676					
October	7,225,232					
November	12,928,998					
December	17,078,324					
Grand Total	113,664,863					

¹Total monthly therms for the year 2012, which resembles a normal weather year, from CC&B Report CI1868 CNG Volume and Customer Count for CNG Forecast Model.

²The projected therms based on 2012 using the Year-to-Year customer growth percentages.

³Average annual customers for each year (2012-2016) from CC&B Report CI1868 CNGC Volume and Customer Count for CNG Forecast Model.