## Attachment HQTD-PEG 14

## INDEX-BASED ARMs OF NORTH AMERICAN ENERGY UTILITIES<sup>1</sup>

Applicable Service	Utility	Jurisdiction	Term	Cap Form	Inflation Measure (P)	Acknowledged Productivity Trend (A)	Stretch Factor <sup>2</sup> (B)	X-Factor <sup>3</sup>
Bundled Power Service	PacifiCorp (I)	California	1994-1997, extended to 1999	Price Cap	Industry-specific	1.40%	NA	1.40%
Bundled Power Service	Central Maine Power (I)	Maine	1995-1999	Price Cap	GDPPI	NA	NA	0.9% (Average)
Gas Distribution	Southern California Gas	California	1997-2002	Revenue Cap	Industry-specific	0.50%	0.80% (Average)	2.3% (Average)
Power Distribution	Southern California Edison	California	1997-2002	Price Cap	СРІ	NA	NA	1.48% (Average)
Gas Distribution	Boston Gas (I)	Massachusetts	1997-2003	Price Cap	GDPPI	0.40%	0.50%	0.50%
Power Distribution	Bangor Hydro Electric (I)	Maine	1998-2000	Price Cap	GDPPI	NA	NA	1.20%
Power Distribution	PacifiCorp (II)	Oregon	1998-2001	Revenue Cap	GDPPI	NA	NA	0.30%
Gas Distribution	San Diego Gas and Electric	California	1999-2002	Price Cap	Industry-specific	0.68%	0.55% (Average)	1.23% (Average)
Power Distribution	San Diego Gas and Electric	California	1999-2002	Price Cap	Industry-specific	0.92%	0.55% (Average)	1.47% (Average)
Power Distribution	All Ontario distributors	Ontario	2000-2003	Price Cap	Industry-specific	0.86%	0.25%	1.50%
Gas Distribution	Bangor Gas	Maine	2000-2009, extended to 2012	Price Cap	GDPPI	NA	NA	0.36% (Average)
Gas Distribution	Union Gas	Ontario	2001-2003	Price Cap	GDPPI	NA	NA	2.50%
Power Distribution	Central Maine Power (II)	Maine	2001-2007	Price Cap	GDPPI	NA	NA	2.57% (Average)
Power Distribution	Southern California Edison	California	2002-2003	Revenue Cap	CPI	NA	NA	1.60%
Power Distribution	EPCOR (I)	Alberta	2002-2005, Terminated at end of 2003	Price Cap	Industry-Specific	NA	NA	15% * Inflation
Gas Distribution	Berkshire Gas	Massachusetts	2002-2011	Price Cap	GDPPI	0.40%	1.00%	1.00%
Gas Distribution	Blackstone Gas	Massachusetts	2004-2009	Price Cap	GDPPI	NA	NA	0.50%
Gas Distribution	Terasen Gas	British Columbia	2004-2009	Revenue Cap	СРІ	NA	NA	63% x Inflation (Average)

## Attachment HQTD-PEG 14 Continued

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Applicable Service	Utility	Jurisdiction		Cap Form	(P)	(A)	(B)	X-Factor
			2004-2013, terminated in					
Gas Distribution	Boston Gas (II)	Massachusetts	2010	Price Cap	GDPPI	0.58%	0.30%	0.41%
	All Ontario					0.007	3.6.075	******
Power Distribution	Distributors	Ontario	2006-2009	Price Cap	GDPIPI	NA	NA	1.00%
Power Distribution	Nstar	Massachusetts	2006-2012	Price Cap	GDPPI	NA	NA	0.63% (Average)
			2006-2015,					
			terminated in		an nov	0.50	0.40	0.74
Gas Distribution	Bay State Gas	Massachusetts	2009	Price Cap	GDPPI	0.58%	0.40%	0.51%
Power Distribution	ENMAX	Alberta	2007-2013	Price Cap	Industry-specific	0.80%	0.40%	1.20%
Gas Distribution	Enbridge Gas	Ontario	2008-2012	Revenue Cap	GDPPI	NA	NA	47% x Inflation (Average)
Gas Distribution	Union Gas	Ontario	2008-2012	Revenue Cap	GDPPI	NA	NA	1.82%
			2009-2011,					
	Central Vermont		extended to					
Power Distribution	Public Service	Vermont	2013	Revenue Cap	CPI	1.03%	NA	1.00%
	Central Maine Power							
Power Distribution	(III)	Maine	2009-2013	Price Cap	GDPPI	NA	NA	1.00%
	All Ontario							
Power Distribution	Distributors	Ontario	2010-2013	Price Cap	GDPPI	0.72%	0.40% (Average Across Firms)	1.12% (Average Across Firms)
							<i>g.</i> 1,	( ) ( )
Power Distribution	Green Mountain Power	Vermont	2010-2013	Revenue Cap	CPI	NA	NA	1.00%
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## Attachment HQTD-PEG 14 Continued

Applicable Service	Utility	Jurisdiction	Term	Cap Form	Inflation Measure (P)	Acknowledged Productivity Trend (A)	Stretch Factor <sup>2</sup> (B)	X-Factor <sup>3</sup>
Power Distribution	ATCO Electric, EPCOR, FortisAlberta	Alberta	2013-2017	Price Cap	Industry-specific	0.96%	0.20%	1.16%
Gas Distribution	All Distributors	Alberta	2013-2017	Revenue Cap	Industry-specific	0.96%	0.20%	1.16%
Power Distribution	Green Mountain Power	Vermont	2014-2017	Revenue Cap	СРІ	NA	NA	1.00%
Gas Distribution	Union Gas	Ontario	2014-2018	Revenue Cap	GDPPI	NA	NA	60% x Inflation
Power Distribution	All Distributors except those who opt out	Ontario	2014-2018	Price Cap	Industry-specific	0.00%	Range of 0% to 0.6%	Range of 0% to 0.6%
Bundled Power Service	FortisBC	British Columbia	2014-2019	Revenue Cap	Industry-specific	0.93%	0.10%	1.03%
Gas Distribution	FortisBC Energy	British Columbia	2014-2019	Revenue Cap	Industry-specific	0.90%	0.20%	1.10%

Averages*	Gas Distributors	0.63%	0.49%	1.12%
	Electric Utilities	0.85%	0.32%	1.19%
	Power Distributors	0.76%	0.36%	1.20%
	All Utilities	0.74%	0.42%	1.16%

<sup>\*</sup>Averages exclude X factors that are percentages of inflation.

<sup>&</sup>lt;sup>1</sup> Shaded plans have expired.

<sup>&</sup>lt;sup>2</sup> Some approved X factors are not explicitly constructed from such components as a base productivity trend and a stretch factor. Many of these are the product of settlements.

<sup>&</sup>lt;sup>3</sup> X factors may not be the sum of the acknowledged productivity trend and the stretch factor, where these are itemized, for the following reasons: (1) a macroeconomic inflation measure is employed in the attrition relief mechanism, (2) a revenue cap index does not include a stand alone scale variable, or (3) the X factor may incorporate additional adjustments to account for special business conditions.