

Attachment Regie-AQCIE 3.1

Results of Recent North American Energy Utility Multifactor Productivity Studies

Year	Jurisdiction	Industry Studied	Study Sponsor	Sample Period	Productivity Trends	
					Regional	National (U.S.)
Power Distributors						
2006	CA	US	San Diego Gas & Electric	1994-2004	NA	1.08%
2006	KS	US	Kansas City Power & Light	1994-2004	0.80%	0.70%
2007	ME	Northeast US	Central Maine Power	1993-2005	1.57%	NA
2008	VT	US, Northeast US	Central Vermont Public Service	1996-2006	0.74%	1.03%
2008	ON	US	Ontario Energy Board	1988-2006	NA	0.72%
2008	ON	Ontario	Ontario Energy Board	1988-2006	Range of 0.43% to 1%	NA
2008	ON	Ontario	Hydro One Networks & Coalition of Large Distributors	2002-2006	Range of -1.3% to -2.5%	NA
2010	CA	US	San Diego Gas & Electric	1998-2008	NA	0.88%
2011	DC, MD, DE	Northeast US	Potomac Electric Power	1998-2010	0.64%	NA
2011	Alberta	Ontario	Fortis Alberta	2002-2009	Range of -0.4% to -1.5%	NA
2012	Alberta	US	Alberta Utilities Commission	1972-2009	NA	0.96%
2013	BC	US	Commercial Energy Consumers of British Columbia	2001-2011	NA	0.93%
2013	MA	Northeast US	Unitil	2001-2011	1.19%	NA
2013	ME	Upper Northeast US	Central Maine Power	2001-2011	0.56%	NA
2013	ME	Broad Northeast US	Central Maine Power	2001-2011	1.06%	NA
2013	ON	Ontario	Ontario Energy Board	2002-2012	-0.33% ¹	NA
2013	BC	US	FortisBC	2007-2011	NA	Range of -3.9% to -5.5%
2015	Alberta	US	Enmax	1972-2014 & 1998-2014	NA	Range of -0.70% to 0.89%
Other Electric						
2006	KS	US Power Transmission	Kansas City Power & Light	1994-2004	1.30%	0.40%
2006	KS	US Bundled Power Service	Kansas City Power & Light	1994-2004	1.00%	0.60%
2006	KS	US Power Generation	Kansas City Power & Light	1994-2004	0.50%	0.10%
Gas Utilities						
2007	CA	US	San Diego Gas & Electric and Southern California Gas	1994-2004	NA	0.63%
2007	ON	US	Ontario Energy Board	1994-2004	NA	Range of 1.40% to 1.61%
2010	CA	US	San Diego Gas & Electric and Southern California Gas	1998-2008	NA	1.18%
2012	QB	US	Gaz Metro	1998-2010	NA	0.85%
2013	BC	US	Commercial Energy Consumers of British Columbia	1998-2011	NA	0.96%
2013	BC	US	FortisBC Energy	2007-2011	NA	Range of -3.2% to -4.9%
2013	ON	US	Enbridge Gas	2000-2011	NA	-0.32%

¹Due in part to data idiosyncrasies encountered in this study, the OEB ultimately chose a 0.0% base productivity trend.