

Undertaking 188

Re: Percentage of overall energy savings in isolated communities
Undertake to provide how you arrive at that figure (59 Percent).

The basis for the savings quoted (59%) for the Isolated Systems Energy Efficiency Program is shown in the tables below. The 59% figure was misstated as energy savings, but is rather the expenditure for the Isolated Systems Energy Efficiency Program in 2014 as a percentage of the total expenditure for all of the residential programs in the portfolio. The energy savings percentage is 76% for 2014, and is provided on page 2.

	2009	2010	2011	2012	2013	2014	2015(F)
Windows	44	49	80	117	169	38	8
Insulation	40	61	140	126	157	92	98
Thermostats	13	19	31	47	51	35	37
Coupon Program	-	135	135	-	-	-	-
Commercial Lighting	12	12	59	20	29	15	65
Industrial (IEEP)	57	226	103	173	89	1,244	5
Block Heater Timer				31	8	8	-
Isolated Community Prgm				858	871	615	550
Isolated Systems Bus Eff Prgm				93	115	96	68
Heat Recovery Ventilator				-	11	7	57
Business Efficiency Program				-	45	101	90
Small Technologies				-	1	252	329
Total Portfolio	166	502	548	1,465	1,546	2,503	1,307

	2009	2010	2011	2012	2013	2014	2015 (F)
Residential	97	264	386	1,179	1,268	1,047	1,080
Commercial	12	12	59	113	189	212	223
Industrial (IEEP)	57	226	103	173	89	1,244	5
Total	166	502	548	1,465	1,546	2,503	1,307

	2012	2013	2014	2015 (F)
Isolated Community overall (%)	59%	56%	25%	42%
Isolated Community % with IEEP removed	66%	60%	49%	42%
Iso Comm as % of Residential	73%	69%	59%	51%

The comparison below is provided for energy savings of the Isolated Community Program as a percentage of the total energy savings for all of the residential programs. This shows that the Isolated Systems Program contributed to 76% of the residential portfolio energy savings in 2014.

Table 2: Hydro's Annual CDM Portfolio Energy Savings (MWh)							
	2009	2010	2011	2012	2013	2014	2015 (F)
Windows	13	37	61	136	99	85	0
Insulation	35	126	404	382	794	142	76
Thermostats	9	35	30	53	24	38	8
Coupon Program	-	64	256	-	-	-	-
Commercial Lighting	3	10	227	95	99	79	52
Industrial (IEEP)	-	-	165	3,172	-	22,258	-
Block Heater Timer				-	288	-	-
Isolated Community Prgm				1,676	1,096	1,357	650
Isolated Systems Bus Eff Prgm				3	27	111	232
HE HRV					1	6	6
Business Efficiency Program					-	107	500
Small Technologies					-	148	81
Total	60	272	1,143	5,517	2,428	24,331	1,605

Hydro Annual CDM Portfolio Energy Savings by Sector (MWh)							
	2009	2010	2011	2012	2013	2014	2015 (F)
Residential	57	262	751	2,247	2,302	1,776	821
Commercial	3	10	227	98	126	297	784
Industrial (IEEP)	-	-	165	3,172	-	22,258	-
Total	60	272	1,143	5,517	2,428	24,331	1,605

Isolated Community Program % of overall energy savings				
	2012	2013	2014	2015 (F)
Isolated Community % of overall	30%	45%	6%	40%
Isolated Community % with IEEP removed	71%	45%	65%	40%
Iso Comm as % of Residential	75%	48%	76%	79%