

**MANITOBA HYDRO**

**2012/13 & 2013/14 ELECTRIC GENERAL RATE APPLICATION**

**UNDERTAKING PROVIDED BY: L. MORRISON**

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**Manitoba Hydro Undertaking #12**

On a geographic region basis, Manitoba Hydro to identify the higher uptake of electricity for electric heated homes compared to what the homes currently have. Show the electric heat customer growth and the number of non-heat or standards customer growth.

**Response:**

The following table provides a breakdown of electric and non-electric space heating market shares for residential customers in the South Gas Available area of Manitoba.

From 2005 to December 2012, over 60% of residences constructed in the South Gas Available area installed electric space heat, compared to approximately 45% of existing homes (dwellings constructed prior to 2005).

Residential Customers (Dwellings) in South Gas Areas								
Heat Source by Year of Construction as of December 2012								
Manitoba Hydro District	Overall to Date		Dwellings Constructed pre-2005		Dwellings Constructed 2005 to 2009		Dwellings Constructed 2010 to 2012	
	TOTAL Number of Dwellings	% with Electric Heat	Number of Dwellings	% with Electric Heat	Number of Dwellings	% with Electric Heat	Number of Dwellings	% with Electric Heat
ALTONA	3,020	51%	2,791	48%	148	83%	81	85%
ARBORG	1,611	88%	1,510	88%	67	90%	34	94%
BEAUSEJOUR	4,072	62%	3,459	59%	403	80%	210	80%
BIRTLE	391	51%	370	49%	11	82%	10	100%
BOISSEVAIN	1,688	81%	1,574	80%	64	83%	50	94%
BRANDON	21,986	37%	19,194	32%	1,730	71%	1,062	59%
CARBERRY	1,265	59%	1,146	56%	66	92%	53	83%
CARMAN	2,016	54%	1,867	51%	87	83%	62	81%
DAUPHIN	4,395	41%	4,202	40%	134	72%	59	58%
ELIE	653	68%	575	67%	47	72%	31	77%
FALCON LAKE	134	75%	128	76%	4	75%	2	50%
FORT GARRY District (outside of Winnipeg)	2,929	33%	2,171	36%	448	22%	310	25%
GIMLI	4,129	56%	3,762	54%	275	80%	92	71%
GLADSTONE	669	73%	622	72%	33	82%	14	100%
GRANDVIEW	1,406	58%	1,355	57%	20	90%	31	84%
HAMIOTA	526	49%	509	48%	9	100%	8	88%
KEEWATIN	1,867	25%	1,560	26%	213	23%	94	13%
KILLARNEY	1,312	79%	1,244	79%	45	82%	23	87%
MACGREGOR	1,173	58%	1,089	56%	50	86%	34	68%
MELITA	658	77%	618	78%	15	67%	25	44%
MINNEDOSA	1,473	50%	1,381	47%	54	94%	38	87%
MORDEN DISTRICT	9,142	42%	6,816	32%	1,581	74%	745	73%
MORRIS	1,809	53%	1,485	48%	179	81%	145	79%
NEEPAWA	1,974	45%	1,837	42%	70	81%	67	96%
NIVERVILLE	2,297	47%	1,628	43%	360	44%	309	70%
PORTAGE LA PRAIRIE	7,396	36%	7,008	34%	228	79%	160	78%
RESTON	359	85%	326	87%	12	100%	21	52%
RIVER EAST	4,664	28%	4,273	29%	268	26%	123	28%
ROBLIN	1,431	54%	1,370	52%	42	93%	19	58%
RUSSELL	1,591	51%	1,462	49%	77	86%	52	58%
SELKIRK	9,664	36%	8,888	34%	488	55%	288	49%
SOURIS	1,388	72%	1,288	72%	44	80%	56	89%
ST BONIFACE District (outside of Winnipeg)	4,872	44%	3,590	48%	665	27%	617	40%
ST PIERRE	3,386	57%	2,665	56%	418	69%	303	50%
STEINBACH	12,099	50%	8,899	40%	1,832	78%	1,368	81%
STONEWALL	4,891	55%	4,351	57%	345	58%	195	25%
TREHERNE	480	74%	461	72%	9	100%	10	100%
VIRDEN	2,461	58%	2,265	57%	109	93%	87	45%
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<b>TOTAL</b>	<b>127,277</b>	<b>47%</b>	<b>109,739</b>	<b>44%</b>	<b>10,650</b>	<b>66%</b>	<b>6,888</b>	<b>63%</b>