

**Manitoba Hydro Undertaking #127**

**RCM/TREE/MH/PRE-ASK-7**

**Please provide a seasonal residential bill frequency analysis**

- a) Winter only
- b) Summer only.

**ANSWER:**

Below is the seasonal bill frequency for the Residential Basic rate class. Winter was assumed to consist of the months of December, January, February and March - consistent with the definition provided in Pre-Ask 8 e). Summer season included April to November months inclusive. The negative values shown in the "Block End 0" are a result of billing adjustments. Adjustments are generally processed due to over/under billing in a previous month or due to late customer change information resulting in having to back-bill a customer.

**SUMMER:**

BLOCK END	BLOCK KW.H	BLOCK BILLS	CUMULATIVE KW.H	CUMULATIVE BILLS
0	-22,503	26.3	(22,503)	26
50	1,626,611	65,695	1,604,108	65,722
60	701,583	12,330.1	2,305,691	78,052
70	856,044	12,802.1	3,161,735	90,854
80	1,054,954	13,705.1	4,216,689	104,559
100	2,740,312	29,758	6,957,001	134,317
120	3,601,828	32,117	10,558,829	166,434
140	4,614,912	34,926	15,173,741	201,360
150	2,697,249	18,333.9	17,870,990	219,694
165	4,077,290	25,674	21,948,280	245,369
175	3,384,825	19,838	25,333,105	265,207
185	3,687,873	20,415	29,020,978	285,622
200	6,689,165	34,454	35,710,143	320,075
500	265,954,773	742,113	301,664,916	1,062,188
750	386,938,247	619,091	688,603,163	1,681,279
900	256,236,777	310,077	944,839,940	1,991,356
1200	483,697,344	463,650	1,428,537,284	2,455,006

<b>BLOCK END</b>	<b>BLOCK KW.H</b>	<b>BLOCK BILLS</b>	<b>CUMULATIVE KW.H</b>	<b>CUMULATIVE BILLS</b>
1400	278,848,931	214,624	1,707,386,215	2,669,630
1600	243,138,844	162,112	1,950,525,059	2,831,742
1800	215,353,199	126,686	2,165,878,258	2,958,427
2000	189,798,370	99,854	2,355,676,628	3,058,282
2500	378,851,554	169,813.2	2,734,528,182	3,228,095
3000	271,406,648	99,315.9	3,005,934,830	3,327,411
3500	187,669,019	58,057.2	3,193,603,849	3,385,468
4000	128,184,568	34,335.1	3,321,788,417	3,419,803
5000	147,743,557	33,369.9	3,469,531,974	3,453,173
50000	233,673,329	31,601	3,703,205,303	3,484,774

**WINTER:**

<b>BLOCK END</b>	<b>BLOCK KW.H</b>	<b>BLOCK BILLS</b>	<b>CUMULATIVE KW.H</b>	<b>CUMULATIVE BILLS</b>
0	-31,492	16.1	(31,492)	16
50	585,652	23,797	554,160	23,813
60	257,981	4,554.6	812,141	28,367
70	312,759	4,693.6	1,124,900	33,061
80	376,006	4,904.3	1,500,906	37,965
100	1,024,233	11,151	2,525,139	49,116
120	1,364,458	12,217	3,889,597	61,333
140	1,696,642	12,875	5,586,239	74,208
150	993,212	6,764.3	6,579,451	80,972
165	1,493,560	9,411	8,073,011	90,383
175	1,138,519	6,668	9,211,530	97,051
185	1,250,491	6,922	10,462,021	103,973
200	2,319,811	11,960	12,781,832	115,933
500	94,215,036	260,816	106,996,868	376,749
750	158,500,705	252,621	265,497,573	629,370
900	111,061,991	134,389	376,559,564	763,759
1200	211,783,861	203,016	588,343,425	966,775
1400	122,417,828	94,253	710,761,253	1,061,029
1600	108,004,775	72,005	818,766,028	1,133,034
1800	98,324,718	57,825	917,090,746	1,190,859
2000	91,444,731	48,089	1,008,535,477	1,238,948
2500	225,493,133	100,399.7	1,234,028,610	1,339,348
3000	243,637,542	88,575.9	1,477,666,152	1,427,924
3500	256,285,807	78,898.7	1,733,951,959	1,506,822
4000	247,818,301	66,156.0	1,981,770,260	1,572,978
5000	407,252,820	91,347.3	2,389,023,080	1,664,326
50000	718,781,578	104,347	3,107,804,658	1,768,672