FINANCE CALCULATION FORMULAS

True Annual Interest Rate:			7.60%											
		Years	0.5	1	15	2	2.5	3	3.5	4	4.5	5		
Amortization Period (Loan Term)		Months	6	12	1.0	24	30	36	42	48	54	60		
Row 1: Monthly Payment Amortization Rate	7.60%		0.17026	0.08669	0.05884	0.04493	0.03659	0.03104	0.02707	0.02411	0.02180	0.01997		
Row 2: Total First Term (5 Year) Interest Paid			0.02154	0.04024	0.05917	0.07833	0.09770	0.11730	0.13713	0.15717	0.17744	0.19793		
FINANCE CALCULATIONS														
A) Monthly Loan Payment	Amo	unt Loane	ed (\$)	x [Month	nly Payment	Rate		= [Monthly Pa	ayment (\$)			
				(corresp	ponding to A	mortization I	Period from	Row 1)						
Example	\$		4,500	x	_	0.01997	()		= [\$	89.87			
					5 year amoi	rtization (Ioar	i term)							
B) Total First Term Interest Paid	Amo	unt Loane	ed (\$)	х [First Term	Interest Pay	able Rate		= [Total N	Aaximum Ir	nterest Payable	e(\$)	
				(corresp	ponding to A	mortization I	Period from	Row 2)	-					
Example	\$		4,500	x	-	0.19793			= [\$	890.69			
					5 year amoi	rtization (Ioar	i term)							
Example: Completion of Financing Agreement Section	<u>(Part 1 of App</u> ad to be compl	<u>lication Fo</u>	o <u>rms)</u> To financing c	action of Pa	rt 1 of the He	mo Enorgy Ef	ficionayloan	Agroomont	In this over	anla tha laa	n amount ic	\$4 500 over 5 v		
The example below provides outline of what lightes nee			e mancing s			one chergy ci		Agreement.	III LIIIS EXdii	ipie, the loa	ii aniount is	34,500 Over 5 y	Jears.	
FINANCING AGREEMENT:														
													٦	
1. Manitoba Hydro will advance to the Primary C	ontractor or	Retailer r	named abov	ve the Tota	al Cost to be	Financed, ii	n the amou	nt of \$	Total	Amount to k	pe loaned (n	nax \$7,500)		
upon receipt of the Completion Certificate signed	d by the Own	er.											-	

2. The Owner will repay	said amount to Manitoba Hydro plus	Calculation (B) to determine Maximum interest payable over	by	Enter a of	
monthly payments of \$	Use Calcuation (A) to determine <u>Monthly Loan Payment</u>	calculated at the true ar	nnual rate of 7.60% per annum	n on tl	he decl

TOTAL AMOUNT TO BE REPAID BY OWNER, INCLUDING FINANCIAL CHARGES: \$

Calculation (B) + amount to be loaned

To ensure accuracy, financing terms can be calculated using the online financing calculator at www.hydro.mb.ca/your_home/residential_loan/calculator/

amortization period (loan term) f up to 60 months (5 years)

equal consecutive

lining monthly balance.