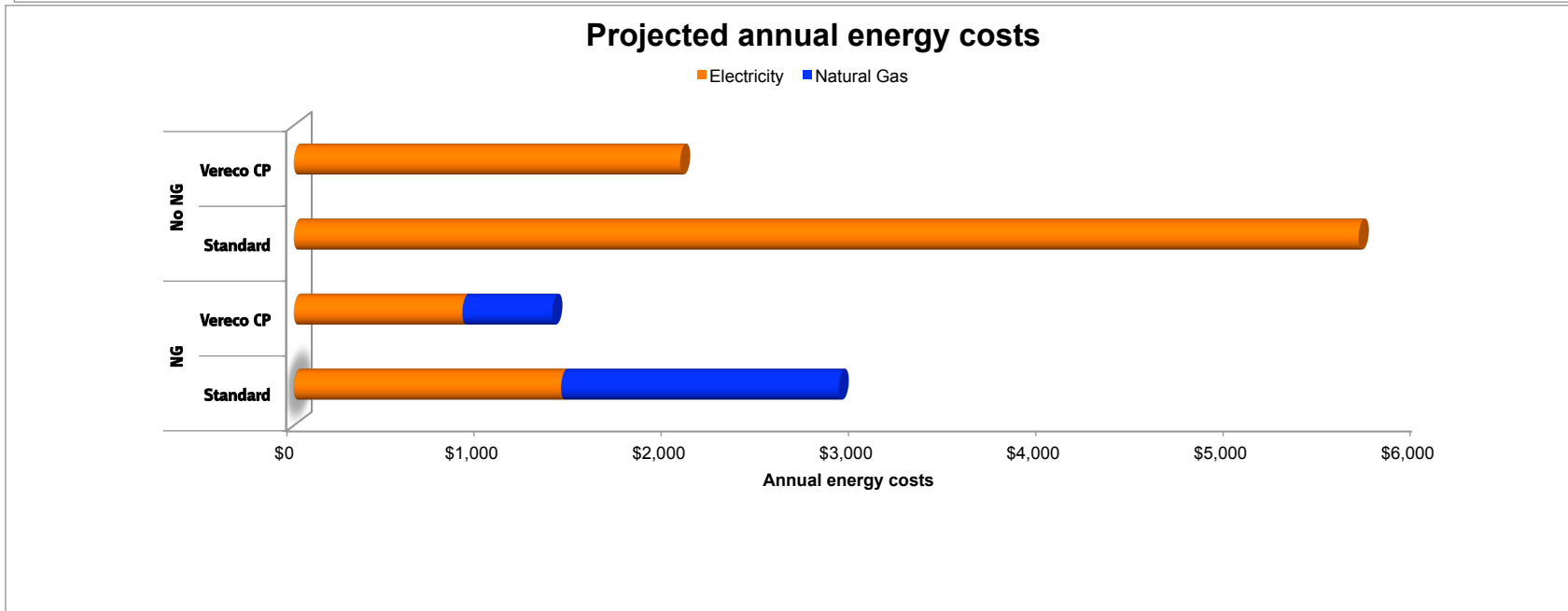
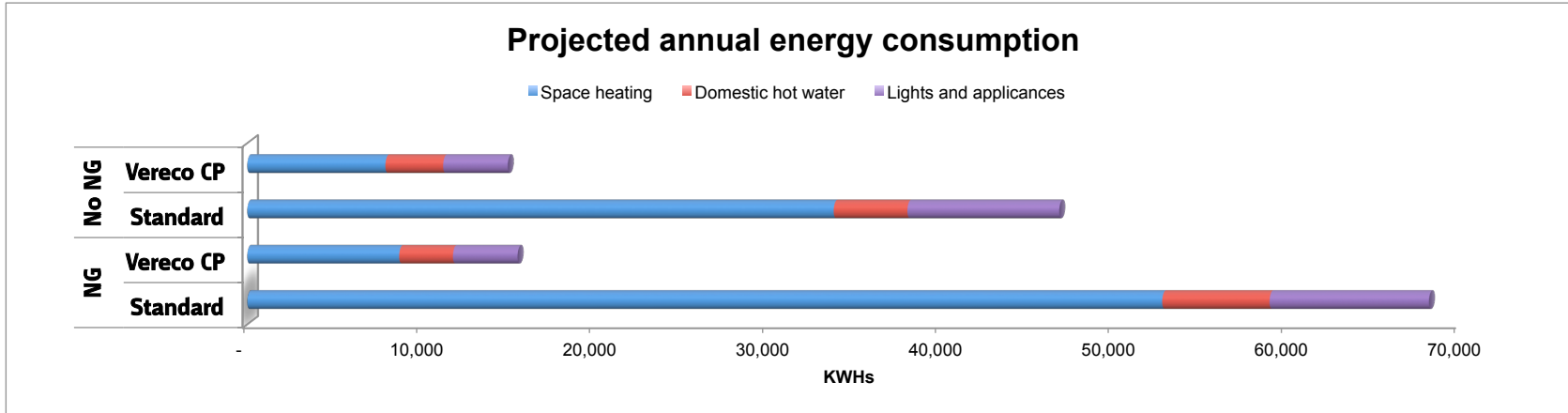


## Sample home Projected Energy Consumption and Costs YYMMDD



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## Sample home Projected Energy Consumption and Costs YYMMDD

**Notes:**

All calculations based on HOT2000 version 10.51  
 (see <http://canmetenergy.nrcan.gc.ca/software-tools/hot2000/84>)  
 Standard columns represent the home built to typical SK construction standards  
 Vereco columns represent the home as designed by Vereco  
 NG column assumes natural gas  
 NO NG column assumes the home has no access to natural gas  
 Costs are based on 2015 rates in rural SK and include the basic monthly charges  
 Net Present Value (NPV) calculation based on 50 years and the following assumptions:

Discount rate            3.00%  
 Energy cost growth        6.00% Compound annual growth rate

Additional costs are added to mortgage assumptions:

Additional mortgage amount    20,000  
 Annual Interest rate (%)        2.99%  
 Term (years)                        25

Projected energy consumption in ekWhs/year	NG				No NG			
	Standard	Vereco CP	Savings	%	Standard	Vereco CP	Savings	%
Space heating	52,810	8,768	44,042	83%	33,848	7,973	25,875	76%
Domestic hot water	6,196	3,105	3,091	50%	4,255	3,333	922	22%
Lights and appliances	9,197	3,727	5,470	59%	8,760	3,727	5,033	57%
<b>Total annual</b>	<b>68,203</b>	<b>15,600</b>	<b>52,603</b>	<b>77%</b>	<b>46,863</b>	<b>15,033</b>	<b>31,830</b>	<b>68%</b>

Projected energy cost based on 2015 rates in Rural SK	NG				No NG			
	Standard	Vereco CP	Savings	%	Standard	Vereco CP	Savings	%
Electricity	\$1,425	\$899	\$526	37%	\$5,679	\$2,060	\$3,619	64%
Natural Gas	\$1,480	\$479	\$1,001	68%				0%
<b>Total annual energy cost</b>	<b>\$2,906</b>	<b>\$1,378</b>	<b>\$1,528</b>	<b>53%</b>	<b>\$5,679</b>	<b>\$2,060</b>	<b>\$3,619</b>	<b>64%</b>
50 Year total energy cost	\$843,600	\$400,083	\$443,517		\$1,648,774	\$597,953	\$1,050,821	
50 year NPV of total cost	\$310,102	\$147,068	\$163,034	53%	\$606,079	\$219,803	\$386,275	64%
<b>Total cost monthly</b>	<b>\$242</b>	<b>\$115</b>	<b>\$127</b>	<b>53%</b>	<b>\$473</b>	<b>\$172</b>	<b>\$302</b>	<b>64%</b>

Projected Green House Gas Emissions	NG				No NG			
	Standard	Vereco	Savings	%	Standard	Vereco	Savings	%
Green house gas emissions tonnes/year	15.6900	5.7540	9.9360	63%	25.4080	8.1500	17.2580	68%
Green house gas emissions tonnes 50 years	784.50	287.70	496.80	63%	1,270.40	407.50	862.90	68%

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