

Table 2
Utility Cost Test

Company: **Montana-Dakota Utilities Co.**
Project: **Programmable Thermostats**

Year	Benefits			Costs			Annual Benefits Less Costs (G)
	Total Energy Savings (A)	Total Demand Savings (B)	Annual Total Savings (C)	Program Admin Costs (D)	Incentive Costs (E)	Utility Program Costs (F)	
2014	\$2,079	\$772	\$2,851	\$282	\$3,740	\$4,022	(\$1,171)
2015	2,152	778	2,930	0	0	0	2,930
2016	2,227	788	3,015	0	0	0	3,015
2017	2,305	794	3,099	0	0	0	3,099
2018	2,386	805	3,191	0	0	0	3,191
2019	2,469	810	3,279	0	0	0	3,279
2020	2,556	821	3,377	0	0	0	3,377
2021	2,645	826	3,471	0	0	0	3,471
2022	2,738	837	3,575	0	0	0	3,575
2023	2,834	842	3,676	0	0	0	3,676
2024	2,933	853	3,786	0	0	0	3,786
2025	3,035	859	3,894	0	0	0	3,894
2026	3,141	869	4,010	0	0	0	4,010
2027	3,251	875	4,126	0	0	0	4,126
2028	3,365	886	4,251	0	0	0	4,251
2029	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0
Total =			\$52,531			\$4,022	\$48,509
NPV =			\$31,806			\$4,022	\$27,784
Total NPV =		\$27,784					
Benefit/Cost Ratio =		7.91					

Worksheet Calculations
(A) = Table 1 (F)
(B) = Table 1 (I)
(C) = Table 1 (J)
(D) = Table 1 (M)
(E) = Table 1 (N)
(F) = (D) + (E)
(G) = (C) - (F)