

MONTANA-DAKOTA UTILITIES CO.  
 SOUTH DAKOTA PUBLIC UTILITIES COMMISSION STAFF  
 FIRST DATA REQUEST  
 DATED MAY 14, 2014  
 DOCKET NO. NG14-04

- 1-4 Provide calculations showing customer payback periods associated with stepping up to higher efficiency appliances with and without the rebates. (How many years until customers recoup their initial marginal investments?)

**Response (Revised 6/18/14):**

Please see Response 1-6, Attachment B, Table 4 - Participant Test on pages 11, 17, 23 and 29, for each of the higher efficiency appliance programs for payback periods including the rebates and Attachment A for the Participant Test data for each program exclusive of the rebate. The results are summarized below.

	Revised	
	2013 Participant Payback Years	
	<u>with Rebate</u>	<u>without Rebate</u>
Residential		
Furnaces - 95+% AFUE - New	3	5
Furnaces - 95+% AFUE - Replacement	2	4
Water Heating (.67 EF)	1	3
Programmable Thermostats	1	2
Commercial		
Furnaces - 95+% AFUE - Replacement	2	3