

**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:

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.

	2013 Participant Payback Years	
	with Rebate	without Rebate
Residential		
Furnaces - 95+% AFUE - New	3	7
Furnaces - 95+% AFUE - Replacement	2	6
Water Heating (.67 EF)	1	6
Programmable Thermostats	1	2
Commercial		
Furnaces - 95+% AFUE - Replacement	2	3