

## Valves

### Heat Loss Savings and CO<sub>2</sub> Reductions with Flanged Gate Valves

Pipe Size, NPS, inches	Estimated \$ Value of Annual Heat Loss Savings		Estimated \$ Cost of Ever Green Cut 'n Wrap Materials		Estimated Economic Payback Based on Energy Savings, Months		Estimated Annual CO <sub>2</sub> Reduction, Pounds	
	at 230°F	at 380°F	at 230°F	at 380°F	at 230°F	at 380°F	at 230°F	at 380°F
2	\$74	\$277	\$124	\$142	20	6	869	3,236
3	\$117	\$404	\$133	\$213	14	6	1,370	4,711
4	\$165	\$570	\$160	\$213	12	5	1,925	6,651
6	\$245	\$893	\$196	\$302	10	4	2,863	10,431
8	\$356	\$1,210	\$293	\$471	10	5	4,156	14,118
10	\$493	\$1,617	\$338	\$551	8	4	5,748	18,867
12	\$568	\$2,243	\$373	\$640	8	4	6,629	26,175
14	\$799	\$2,984	\$480	\$817	7	4	9,326	34,828
16	\$974	\$3,533	\$533	\$1,084	7	5	113628	41,229