

Northern States Power Company d/b/a Xcel Energy  
Transmission Cost Recovery Rider  
2007 SD TCR Adjustment Factor Calculation

	Customer Groups					
	Retail	Residential	Commercial Non Demand	Comm & Ind Demand	Street Lighting	Total
(1) Demand Allocator (D10C)	100.00%	44.37%	4.60%	50.56%	0.47%	100.00%
(2) Sales Allocator (E99)	100.00%	34.38%	4.38%	60.55%	0.68%	100.00%
(3) Group Weighting Factor (1) / (2)	<b>1.0000</b>	<b>1.2905</b>	<b>1.0497</b>	<b>0.8350</b>	<b>0.6872</b>	<b>1.0000</b>
(4) SD Retail Sales	<b>1,597,517,076</b>	509,243,178	81,372,589	994,932,130	11,969,179	1,597,517,076
(5) Sales x Group Wtg Fact c (3) x (4)	<b>1,581,574,683</b>	657,177,450	85,413,867	830,758,291	8,225,074	1,581,574,683
(6) Sales Adj. Factor (4) / (5)	<b>1.0101</b>	<b>1.0101</b>	<b>1.0101</b>	<b>1.0101</b>	<b>1.0101</b>	
(7) Adj. Group Wtg Factor <sup>(b)</sup> (3) / (6)	<b>1.0101</b>	<b>1.3035</b>	<b>1.0602</b>	<b>0.8434</b>	<b>0.6941</b>	
(8) TCR Adj. Factor / kWh <sup>(c)</sup>	<b>\$0.00050</b>	<b>\$0.00065</b>	<b>\$0.00053</b>	<b>\$0.00042</b>	<b>\$0.00035</b>	
(9) SD Retail Cost	<b>\$802,018</b>	\$331,008	\$43,127	\$417,871	\$4,189	\$796,196
		663,801,849	86,274,845	839,132,398	8,307,983	1,597,517,076

**Notes:**

- a) Group Weighting Factors are a fixed ratio calculated for each customer group by dividing the demand allocation percentage by the corresponding sales allocation percentage.
- b) Adjusted Group Weighting Factors are the Group Weighting Factors multiplied by the Sales Factor Adjustment, to account for the change in the class sales distribution from the last test year.
- c) TCR Adjustment Factors by customer group are determined by multiplying each Adjusted Group Weighting Factor by the average retail cost per kWh. The average retail cost per kWh is calculated by dividing the South Dakota electric retail cost by annual retail sales.