# Transmission Cost Recovery Rider
## TCR Tracker Account Calculation - 2011-2012



| Chisago Apple River | Jan-11 | Feb-11 | Mar-11 | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Rate Base** | | | | | | | | | | | | | |
| Plus CWIP Ending Balance | 9,753,135 | 10,108,136 | 10,494,343 | 11,076,472 | (1,547,906) | (1,490) | (1,385) | (1,385) | (1,598) | (1,598) | 112 | 0 | 0 |
| Plus Plant In-Service | 39,340,917 | 39,571,263 | 40,051,414 | 39,871,812 | 52,806,596 | 51,447,028 | 51,403,509 | 51,474,856 | 51,535,880 | 51,506,817 | 51,515,639 | 51,511,560 | 51,511,560 |
| Less Book Depreciation Reserve | 607,060 | 692,366 | 778,452 | 864,866 | 965,304 | 1,078,465 | 1,190,082 | 1,301,730 | 1,413,523 | 1,525,351 | 1,637,156 | 1,748,967 | 1,748,967 |
| Less Accum Deferred Taxes | 3,078,471 | 3,246,499 | 3,414,866 | 3,584,220 | 3,794,412 | 4,045,493 | 4,292,841 | 4,540,400 | 4,788,197 | 5,036,019 | 5,283,781 | 5,531,556 | 5,531,556 |
| End Of Month Rate Base | 45,408,520 | 45,740,533 | 46,352,439 | 46,499,198 | 46,498,974 | 46,321,581 | 45,919,202 | 45,631,341 | 45,332,561 | 44,943,850 | 44,594,814 | 44,231,043 | 44,231,043 |
| **Average Rate Base (BOM/EOM)** | 45,446,959 | 45,574,526 | 46,046,486 | 46,425,819 | 46,499,086 | 46,410,277 | 46,120,391 | 45,775,272 | 45,481,951 | 45,138,206 | 44,769,332 | 44,412,928 | 45,675,103 |
| | | | | | | | | | | | | | |
| **Calculation of Return** | | | | | | | | | | | | | |
| Plus Debt Return | 113,996 | 114,316 | 115,500 | 116,451 | 116,635 | 116,412 | 115,685 | 114,820 | 114,084 | 113,222 | 112,296 | 111,402 | 1,374,821 |
| Plus Equity Return | 178,758 | 179,260 | 181,116 | 182,608 | 182,896 | 182,547 | 181,407 | 180,049 | 178,896 | 177,544 | 176,093 | 174,691 | 2,155,865 |
| **Total Return** | 292,754 | 293,576 | 296,616 | 299,060 | 299,532 | 298,960 | 297,092 | 294,869 | 292,980 | 290,765 | 288,389 | 286,093 | 3,530,685 |
| | | | | | | | | | | | | | |
| **Income Statement Items** | | | | | | | | | | | | | |
| Plus Operating Expense | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plus Accrued Costs / Benefits | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plus Avoided Property Taxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plus Property Taxes | 45,167 | 45,167 | 45,167 | 45,167 | 45,167 | 45,167 | 45,167 | 45,167 | 45,167 | 45,167 | 45,167 | 45,167 | 542,005 |
| Plus Book Depreciation | 85,075 | 85,306 | 86,086 | 86,413 | 100,438 | 113,161 | 111,616 | 111,649 | 111,793 | 111,828 | 111,805 | 111,811 | 1,226,981 |
| Plus Deferred Taxes | 169,368 | 168,028 | 168,367 | 169,354 | 210,192 | 251,081 | 247,348 | 247,559 | 247,797 | 247,821 | 247,762 | 247,775 | 2,622,453 |
| Plus Gross Up for Income Tax | (34,143) | (32,820) | (32,067) | (32,024) | (63,484) | (95,351) | (93,079) | (93,976) | (94,779) | (95,524) | (96,260) | (97,025) | (860,531) |
| Less AFUDC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Less AFUDC Gross Up for Income Tax | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Less OATT Credit to retail customers | 130,735 | 130,761 | 131,531 | 131,993 | 141,077 | 149,699 | 148,509 | 147,806 | 147,242 | 146,534 | 145,754 | 145,011 | 1,696,652 |
| Less Wind Production Tax Credit | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Less Wind PTC Gross up for Income Tax (Fed only) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total Income Statement Expense** | 134,731 | 134,919 | 136,022 | 136,918 | 151,237 | 164,359 | 162,544 | 162,593 | 162,736 | 162,758 | 162,721 | 162,717 | 1,834,256 |
| | | | | | | | | | | | | | |
| **Total Revenue Requirements** | 427,486 | 428,495 | 432,638 | 435,977 | 450,769 | 463,319 | 459,636 | 457,462 | 455,716 | 453,523 | 451,110 | 448,810 | 5,364,941 |
| **SD Jurisdictional Revenue Requirement** | 20,675 | 20,724 | 20,924 | 21,086 | 21,801 | 22,408 | 22,230 | 22,125 | 22,040 | 21,934 | 21,817 | 21,706 | 259,469 |

**Transmission Cost Recovery Rider**
**TCR Tracker Account Calculation - 2011-2012**

| Chisago Apple River | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Rate Base** | | | | | | | | | | | | | |
| Plus CWIP Ending Balance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plus Plant In-Service | 51,511,566 | 51,511,566 | 51,511,566 | 51,511,566 | 51,511,566 | 51,511,566 | 51,511,566 | 51,511,566 | 51,511,566 | 51,511,566 | 51,511,566 | 51,511,566 | 51,511,566 |
| Less Book Depreciation Reserve | 1,860,773 | 1,972,579 | 2,084,385 | 2,196,191 | 2,307,997 | 2,419,803 | 2,531,609 | 2,643,415 | 2,755,221 | 2,867,027 | 2,978,833 | 3,090,639 | 3,090,639 |
| Less Accum Deferred Taxes | 5,600,746 | 5,669,935 | 5,739,125 | 5,808,314 | 5,877,504 | 5,946,693 | 6,015,882 | 6,085,072 | 6,154,261 | 6,223,451 | 6,292,640 | 6,361,830 | 6,361,830 |
| End Of Month Rate Base | 44,050,047 | 43,869,052 | 43,688,056 | 43,507,061 | 43,326,065 | 43,145,070 | 42,964,074 | 42,783,079 | 42,602,083 | 42,421,088 | 42,240,092 | 42,059,097 | 42,059,097 |
| **Average Rate Base (BOM/EOM)** | 44,140,545 | 43,959,549 | 43,778,554 | 43,597,558 | 43,416,563 | 43,235,567 | 43,054,572 | 42,873,576 | 42,692,581 | 42,511,585 | 42,330,590 | 42,149,594 | 43,145,070 |
| **Calculation of Return** | | | | | | | | | | | | | |
| Plus Debt Return | 110,719 | 110,265 | 109,811 | 109,357 | 108,903 | 108,449 | 107,995 | 107,541 | 107,087 | 106,633 | 106,179 | 105,725 | 1,298,667 |
| Plus Equity Return | 173,619 | 172,908 | 172,196 | 171,484 | 170,772 | 170,060 | 169,348 | 168,636 | 167,924 | 167,212 | 166,500 | 165,788 | 2,036,447 |
| **Total Return** | 284,339 | 283,173 | 282,007 | 280,841 | 279,675 | 278,509 | 277,343 | 276,177 | 275,011 | 273,845 | 272,680 | 271,514 | 3,335,114 |
| **Income Statement Items** | | | | | | | | | | | | | |
| Plus Operating Expense | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plus Accrued Costs / Benefits | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plus Avoided Property Taxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plus Property Taxes | 59,110 | 59,110 | 59,110 | 59,110 | 59,110 | 59,110 | 59,110 | 59,110 | 59,110 | 59,110 | 59,110 | 59,110 | 709,314 |
| Plus Book Depreciation | 111,806 | 111,806 | 111,806 | 111,806 | 111,806 | 111,806 | 111,806 | 111,806 | 111,806 | 111,806 | 111,806 | 111,806 | 1,341,672 |
| Plus Deferred Taxes | 69,189 | 69,189 | 69,189 | 69,189 | 69,189 | 69,189 | 69,189 | 69,189 | 69,189 | 69,189 | 69,189 | 69,189 | 830,274 |
| Plus Gross Up for Income Tax | 42,025 | 41,642 | 41,258 | 40,875 | 40,492 | 40,108 | 39,725 | 39,342 | 38,958 | 38,575 | 38,192 | 37,808 | 478,999 |
| Less AFUDC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Less AFUDC Gross Up for Income Tax | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Less OATT Credit to retail customers | 133,120 | 132,756 | 132,392 | 132,028 | 131,664 | 131,300 | 130,936 | 130,572 | 130,208 | 129,843 | 129,479 | 129,115 | 1,573,413 |
| Less Wind Production Tax Credit | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Less Wind PTC Gross up for Income Tax (Fed only) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total Income Statement Expense** | 149,010 | 148,991 | 148,971 | 148,952 | 148,933 | 148,913 | 148,894 | 148,875 | 148,856 | 148,836 | 148,817 | 148,798 | 1,786,846 |
| **Total Revenue Requirements** | 433,348 | 432,163 | 430,978 | 429,793 | 428,608 | 427,423 | 426,237 | 425,052 | 423,867 | 422,682 | 421,497 | 420,312 | 5,121,960 |
| **SD Jurisdictional Revenue Requirement** | 20,748 | 20,691 | 20,634 | 20,577 | 20,521 | 20,464 | 20,407 | 20,350 | 20,294 | 20,237 | 20,180 | 20,124 | 245,227 |