Otter Tail Power Company
Estimated Project Savings Impacts on Revenue Requirements (Customer Savings) and Earnings (Reduced Shareholder Return) of the

|  |  | (A) | (B) | (C) | (D) | (E) ${ }^{\text {a }}$ | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) | (0) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  | Customer Impact |  |  | hareholder Impact |  |  |
| Line No. | Yr | Original cost Total Project | $\begin{gathered} \text { Final Cost } \\ \text { Total Project } \\ \hline \end{gathered}$ | Project Savings <br> (1) | OTP Total share $\text { @ } 53.9 \%$ | OTP SD $\%$ | OTP SD Rate Base Balance (30 Year Life) | OTP SD Total Annual Avoided Depreciation | OTP SD Total <br> Annual Avoided  <br> Return Revenue  <br> Requirement  <br> (Column Fx 9.42\%  <br> Rate Base Revenue  <br> Requirement  <br> Factor) (4)  | OTP SD <br> Total Annual Avoided Revenue Requirements (Column G + Column H) | OTP SD <br> Avoided Revenue Requirement | OTP SD NPV <br> Avoided Revenue <br> Requirement (5) | OTP SD <br> Available for Return (Column F x 5.47\% Equity Return Factor) (6) | OTP SD <br> 30 Years <br> Avoided <br> Available for Return | OTP SD NPV Avoided Available for Return (4) | Notes |
| , | 2015 | \$491,000,000 | \$365,513,806 | \$125,486,194 | \$67,637,059 | 9.341629\% | \$6,318,403 | \$210,613 | \$595,194 | \$805,807 |  |  | \$345,568 |  |  |  |
| 2 | 2016 |  |  |  |  |  | \$6,107,790 | \$210,613 | \$687,737 | \$898,351 |  |  | \$334,049 |  |  |  |
| 3 | 2017 T | Year |  |  |  |  | \$5,897,176 | \$210,613 | \$664,022 | \$874,635 |  |  | \$322,530 |  |  | Test Year |
| 4 | 2018 |  |  |  |  |  | \$5,686,563 | \$210,613 | \$640,307 | \$850,920 |  |  | \$311,012 |  |  |  |
| 5 | 2019 |  |  |  |  |  | \$5,475,949 | \$210,613 | \$616,592 | \$827,205 |  |  | \$299,493 |  |  |  |
| 6 | 2020 |  |  |  |  |  | \$5,265,336 | \$210,613 | \$592,877 | \$803,490 |  |  | \$287,974 |  |  |  |
| 7 | 2021 |  |  |  |  |  | \$5,054,723 | \$210,613 | \$569,162 | \$779,775 |  |  | \$276,455 |  |  |  |
| 8 | 2022 |  |  |  |  |  | \$4,844,109 | \$210,613 | \$545,447 | \$756,060 |  |  | \$264,936 |  |  |  |
| 9 | 2023 |  |  |  |  |  | \$4,633,496 | \$210,613 | \$521,732 | \$732,345 |  |  | \$253,417 |  |  |  |
| 10 | 2024 |  |  |  |  |  | \$4,422,882 | \$210,613 | \$498,017 | \$708,630 | \$8,037,219 | \$5,473,181 | \$241,898 | \$2,937,331 | \$2,023,050 | Initial 10 Years |
| 11 | 2025 |  |  |  |  |  | \$4,212,269 | \$210,613 | \$474,301 | \$684,915 |  |  | \$230,379 |  |  |  |
| 12 | 2026 |  |  |  |  |  | \$4,001,655 | \$210,613 | \$450,586 | \$661,200 |  |  | \$218,860 |  |  |  |
| 13 | 2027 |  |  |  |  |  | \$3,791,042 | \$210,613 | \$426,871 | \$637,485 |  |  | \$207,341 |  |  |  |
| 14 | 2028 |  |  |  |  |  | \$3,580,428 | \$210,613 | \$403,156 | \$613,770 |  |  | \$195,822 |  |  |  |
| 15 | 2029 |  |  |  |  |  | \$3,369,815 | \$210,613 | \$379,441 | \$590,055 |  |  | \$184,303 |  |  |  |
| 16 | 2030 |  |  |  |  |  | \$3,159,202 | \$210,613 | \$355,726 | \$566,340 |  |  | \$172,784 |  |  |  |
| 17 | 2031 |  |  |  |  |  | \$2,948,588 | \$210,613 | \$332,011 | \$542,624 |  |  | \$161,265 |  |  |  |
| 18 | 2032 |  |  |  |  |  | \$2,737,975 | \$210,613 | \$308,296 | \$518,909 |  |  | \$149,746 |  |  |  |
| 19 | 2033 |  |  |  |  |  | \$2,527,361 | \$210,613 | \$284,581 | \$495,194 |  |  | \$138,227 |  |  |  |
| 20 | 2034 |  |  |  |  |  | \$2,316,748 | \$210,613 | \$260,866 | \$471,479 |  |  | \$126,708 |  |  |  |
| 21 | 2035 |  |  |  |  |  | \$2,106,134 | \$210,613 | \$237,151 | \$447,764 |  |  | \$115,189 |  |  |  |
| 22 | 2036 |  |  |  |  |  | \$1,895,521 | \$210,613 | \$213,436 | \$424,049 |  |  | \$103,671 |  |  |  |
| 23 | 2037 |  |  |  |  |  | \$1,684,908 | \$210,613 | \$189,721 | \$400,334 |  |  | \$92,152 |  |  |  |
| 24 | 2038 |  |  |  |  |  | \$1,474,294 | \$210,613 | \$166,006 | \$376,619 |  |  | \$80,633 |  |  |  |
| 25 | 2039 |  |  |  |  |  | \$1,263,681 | \$210,613 | \$142,290 | \$352,904 |  |  | \$69,114 |  |  |  |
| 26 | 2040 |  |  |  |  |  | \$1,053,067 | \$210,613 | \$118,575 | \$329,189 |  |  | \$57,595 |  |  |  |
| 27 | 2041 |  |  |  |  |  | \$842,454 | \$210,613 | \$94,860 | \$305,474 |  |  | \$46,076 |  |  |  |
| 28 | 2042 |  |  |  |  |  | \$631,840 | \$210,613 | \$71,145 | \$281,759 |  |  | \$34,557 |  |  |  |
| 29 | 2043 |  |  |  |  |  | \$421,227 | \$210,613 | \$47,430 | \$258,044 |  |  | \$23,038 |  |  |  |
| 30 | 2044 |  |  |  |  |  | \$210,613 | \$210,613 | \$23,715 | \$234,329 |  |  | \$11,519 |  |  |  |
| 31 | Total |  |  |  |  |  |  | \$6,318,403 | \$10,911,250 |  | \$17,229,654 | \$7,843,928 |  | \$5,356,309 | \$2,706,167 | Life of Project |

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## OTTER TAIL POWER COMPANY

Revenue Requirement Factor Calculation
To be used when estimating revenue requirement on rate baseamount changes
Amounts rounded to 4 decimal places


