Docket Nos. UE-072300 and UG-072301 Exhibit No. ____ (SGH-14) Page 1 of 1

PUGET SOUND ENERGY PROOF

If market price exceeds book value, the market-to-book ratio is greater than 1.0, and the earnings-price ratio understates the cost of capital.

MP = market price BV = book value i = cost of equity capital r = earned return E = earnings At MP = BV, $i = r = \frac{E}{MP}$. 1. E = rBV.2. Then, $\frac{E}{MP} = \frac{rBV}{MP}$. 3. When BV < MP, i.e., $\frac{BV}{MP}$ <1, then, 4. a. $\frac{E}{MP}$ < r, since $\frac{E}{MP}$ = $\frac{rBV}{MP}$ < r, because $\frac{BV}{MP}$ < 1; b. i < r, since at $\frac{BV}{MP}$ = 1, i = $\frac{E}{MP}$ = $\frac{rBV}{MP}$, but if $\frac{BV}{MP}$ < 1, then i < r; and c. $\frac{E}{MP}$ < i, since at $\frac{BV}{MP}$ = 1, i = $\frac{E}{MP}$ = $\frac{rBV}{MP}$, but if $\frac{BV}{MP}$ < 1, then $\frac{E}{MP}$ < i, because, 1) $\frac{BV}{MP}$ < 1, through MP increasing, and, if so, $\frac{E}{MP}$ decreases, therefore, $\frac{E}{MP}$ < i, or 2) $\frac{BV}{MP}$ < 1, through BV decreasing, and, if so, given E = rBV, $\frac{E}{MP}$ decreases, therefore, $\frac{E}{MP}$ < i. Ergo, $\frac{E}{MP}$ < i < r, the earnings-price ratio is lower than the cost of capital, which is lower than the earned return. 5.